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The JOURNAL OF THE DEPARTMENT of AGRICULTURE

VICTORIA — AUSTRALIA

NATIONAL MUSEUM OF VICTORIA

VOL. XXXI PART 9

SEPTEMBER, 1933 Price 3d.

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Issued under the direction of the Hon. J. Allan, M.L.A., Minister of Agriculture.

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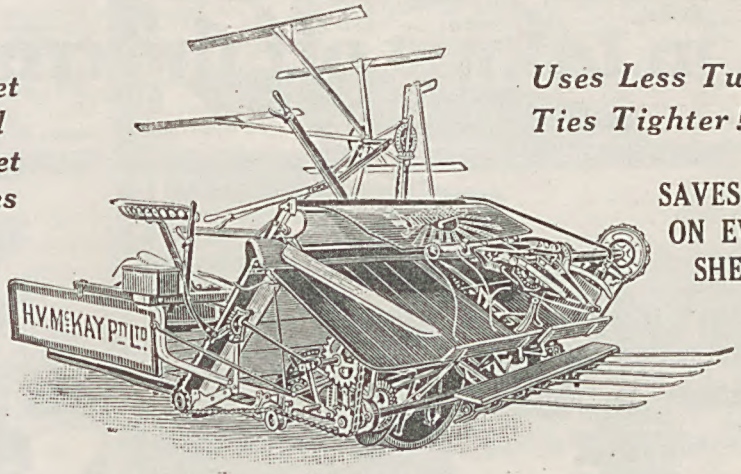

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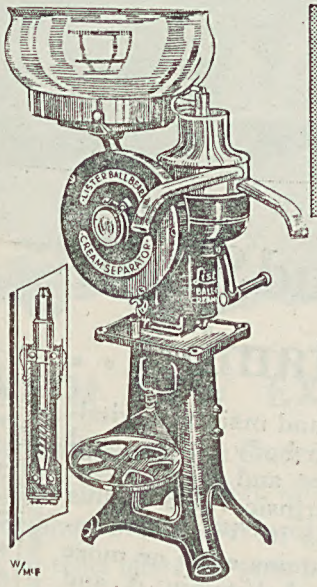

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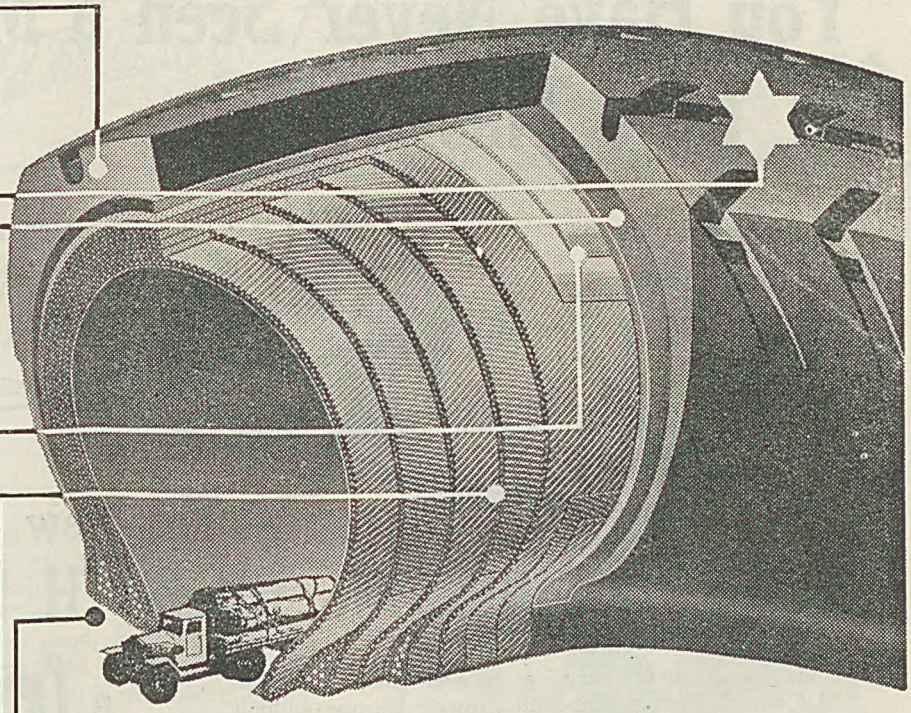

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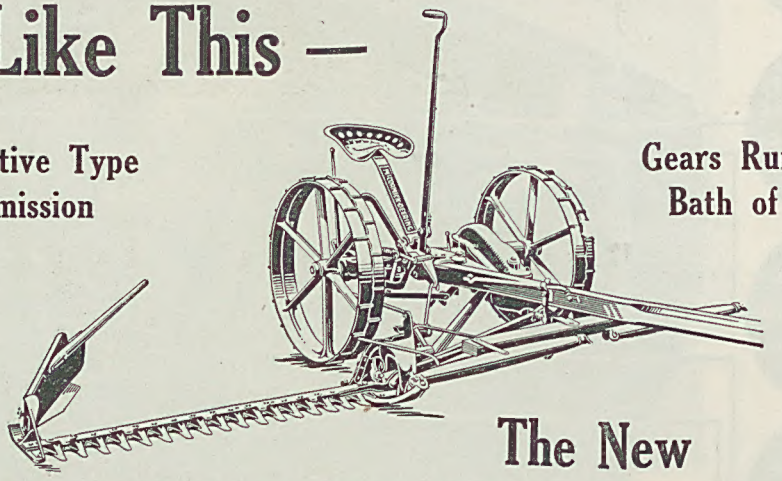

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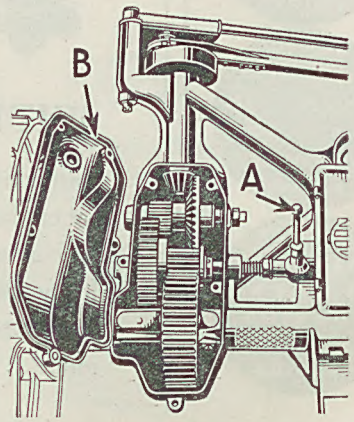

This illustration shows the gears and the gear case in which they operate in a bath of oil. *A* is the clutch lever and *B* is the cover which makes the gear case dust-proof and oil-tight.

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NATIONAL MUSEUM OF VICTORIA

The Journal of the Department of Agriculture of Victoria

Standard Herd Test

Report for the Year 1932-33

By A. J. Gill, Senior Herd Tester.

THE twenty-first Government Standard Herd Test was exceptional for the large number of entries, no fewer than 2,862 cows being tested as against 2,560 in 1931-32. Yields generally were good, and 2,216 of the total entries produced more than the minimum returns of butter-fat required for certification.

In general, seasonal conditions throughout the year were excellent for dairying except for a period of about two months in the autumn, when unusually dry conditions prevailed. The winter, characterized by copious, but not excessive, rainfall was mild, and was followed by an early spring, in which there was a plentiful supply of green pasture. The summer was dry, but not unusually so, and, after the dry spell in the autumn, beneficial rains fell at the latter end of that season, ensuring a reasonably good growth of early winter grass.

The results of this year's test, probably more than those of previous years, have emphasized the benefits to be derived from irrigation, which ensures an ample supply of green fodder during the dry months of the year. The herds gaining first, second, and third places on the order of merit list were all grazed on irrigated pasture.

A satisfactory feature of this year's operations was the fact that many dairy-farmers, by the conversion of hundreds of tons of grass into silage and grass-hay, have indicated that they are becoming increasingly aware of the advantage of stored fodder for use when the normal supply of feed is low. Again, in many cases, the use of a combined grain-crusher and chaff-cutter has greatly enhanced the value of cereal hay and chaff. In feeding by the old method, much of the grain, being whole and thus indigestible, was wasted, and the new method by rendering the grain more easily digestible makes possible a saving in the use of concentrates.

The Champion Cow—Mr. J. Plattfuss's mature Friesian, "Glen Elgin Jessie Segis", 730·04 lb. butter-fat.

LEADING HERDS.

The Champion Herd prize of £20, and the Reserve Champion Herd prize of £10 are awarded to the herds giving the greatest and second greatest average under the herd-testing

The Reserve Champion—Mr. J. Hutchinson and Sons' mature Jersey "Somerville Daphne 2nd", 709·74 lb. butter-fat.

regulations of the Department of Agriculture during the year ending 30th June. The number of cows (completing the test during the year in a herd) must not be less than ten, and the herd must average not less than 300 lb. of butter-fat.

Handicaps are allowed on the following scales:—In a herd of more than ten, each cow receives an allowance equivalent to ½ lb. of butter-fat for each cow in the herd. Allowances according to class are:—Junior two-year-old, 120 lb.; senior two-year-old, 100 lb. Junior three-year-old, 80 lb.; senior three-year-old, 60 lb. Junior four-year-old, 40 lb.; senior four-year-old, 20 lb.

The three best cows in the winning herd are to be exhibited at the Royal Agricultural Show of that year.

The champion Herd prize was won by Mrs. M. V. Stephens, of Tongala East, whose eleven Jerseys averaged, with allowances, 584.19 lb. butter-fat in the 273 days of the test. Mrs. Stephens first entered a herd in 1926, and her success this year is the culmination of several years of careful breeding and selection. The block on which the winning herd is located consists of about 87 acres, of which 57 acres are irrigated, the remainder being used for the running of young stock. The irrigated portion is subdivided into small paddocks, and is sown down with lucerne and mixed pasture. About 7 acres of oats are grown each year, while some stacks of lucerne and grass hay are conserved.

Mrs. Stephens's herd contains the leading cow in the junior two-year-old class" "Fourshells Airmaid," with 557 lb. butter-fat; "Fourshells Hope," leading cow in the senior three-year-old class, with 635 lb. butter-fat; and "Fourshells Hope II.," a junior two-year-old, which yielded 527 lb. butter-fat.

Mr. R. M. Chirnside's mature Jersey, "Brucevale Fancy Starbright 2nd", 609·36 lb. butter-fat.

Mr. J. Hutchinson and Sons' mature Jersey. "Somerville Northern Princess", 613·55 lb. butter-fat.

The reserve championship went to the Jersey herd of Messrs. T. M. Noble and Son, whose farm is situated in the rich Maffra district. Although not in the irrigation area, Messrs. Noble have a private irrigation plant pumping the water from a river. Practically the whole of their farm can be irrigated in this way. Consisting principally of fertile river flats, this property has grown several heavy crops of sugar beet, and Messrs. Noble have also successfully raised pure-bred large white Yorkshire pigs on their farm. In gaining second position in the test, Messrs. Noble's herd of ten cows gave an average yield, with allowances, of 581.43 lb. butter-fat.

The herd of Mr. N. H. Enders, whose farm is situated in the irrigation area of

Mrs. M. V. Stephens's winning Jersey herd—Average yield, including allowances, 584·19 lb. butter-fat.

the Stanhope district, and is notable for the luxuriance of its lucerne and mixed pastures, secured third place. Mr. Enders's herd of 29 cows was one of the largest entered for the test, and gained an average, with allowances, of 569.55 lb. of fat.

Fourth place went to the herd of Mr. R. M. Chirnside. Mr. Chirnside's property is situated in undulating hilly country in the Whittlesea district, and although it is not irrigated, he has been successful in improving his pastures by top-dressing and harrowing. His herd of 18 cows, with allowances, averaged 568.11 lb. of butter-fat.

This year 85 herds averaged more than 400 lb. of butter-fat, as against 52 last year. This new figure constitutes a record for the test. In addition, 206 cows yielded more than 500 lb. of butter-fat this year, compared with 93 in 1931-32.

The Grand Champion prize of £100 awarded to the cow securing the position of Annual Champion for three years, not necessarily in succession, was not won.

The prize of £10 for the annual Champion Cow, under Herd Test regulations, is awarded to the cow yielding the greatest amount of butter-fat during a lactation period terminating within the year ending on the 30th of June, under the Department of Agriculture's Standard Herd Test regulations and calving again within fifteen months from previous calving date, being exhibited at the Royal Show. If two lactations are completed within the year the last will be considered. The prize this year was won by "Glen Elgin Jessie Segis," which produced 730 lb. butter-fat. This cow is a Friesian, owned by Mr. J. Plattfuss, Tongala. She was Reserve Champion cow for 1931-32 with 663 lb. butter-fat. Another exceptional record was that of "Somerville Daphne II.", a Jersey owned by Messrs. J. Hutchinson and Sons, Somerville, which

Mr. J. V. M. Wood's sen.-four-year-old Jersey, "Donna of Devon 2nd", 641·56 lb. butter-fat.

1. *F. A. Williams's mature Jersey, "Wompini Rose Marie", 661·27 lb. butter-fat ; 2. J. D. Reed's mature Jersey, "Nurseaus of Springhurst", 627·77 lb. butter-fat ; 3. J. D. Reed's mature Jersey, "Tarnoo of Springhurst", 620·44 lb. butter-fat ; 4. K. M. Gould's aged-four-year-old Jersey, "Greenwood Adelle", 672·7 lb. butter-fat ; 5. J. D. Reed's mature Jersey, "Nadoo of Springhurst", 674·56 lb. butter-fat ; 6. J. D. Reed's mature Jersey, "Gladdales 2nd of Springhurst", 622·66 lb. butter-fat ; 7. F. Bidgood's aged-four-year-old Jersey, "Singham Meteris Belle", 610·61 lb. butter-fat ; 8. A. Allwood's sen.-four-year-old Friesian, "Tarrangower Countess Jessica", 609·98 lb. butter-fat.*

Mr. R. M. Chirnside's jun.-three-year-old Jersey, "Mornmoot Melody", 600·12 lb. butter-fat.

produced 710 lb. of fat, and gained the Reserve Championship.

Mr. W. R. Atkinson's cow, "Willow Park Fairy," champion in 1931-32, was again prominent this year, producing 712 lb. butter-fat. As she will not re-calve within the stipulated time, she was not eligible for a prize. This cow has the exceptional average yield of 628.10 lb. butter-fat over eight lactation periods.

A satisfactory feature of this year's test is that the yields have been greater than in any previous test. Of the 206 cows which passed the 500 lb. standard, 26 averaged over 600 lb., and three over 700 lb. of fat.

Jersey herds were again prominent, and filled the first thirteen places in the Order of Merit list, an Ayrshire herd securing fourteenth place and a Friesian nineteenth. The intervening places were filled by Jersey herds.

The first ten herds were as follow:—

—	No of Cows.	Butter-fat without Allowances.	Butter-fat with Allowances.
		lb.	lb.
Mrs. M. V. Stephens ..	11	513·24	584·19
T. M. Noble and Son ..	10	511·43	581·43
N. H. Enders ..	29	498·50	569·55
R. M. Chirnside ..	18	482·45	568·11
J. D. Read	20	505·07	561·07
R. Mailer	21	473·68	556·56
J. Hutchinson and Sons	13	496·65	543·15
O. Ronalds	11	433·94	533·99
F. Bidgood	10	466·04	522·04
J. V. M. Wood ..	28	437·45	520·02

The leading cows in the various sections were as follow:—

Class.	Name.	Yield.
		%
Mature cow ..	"Glen Elgin Jessie Segis"	730·04
Senior 4 year-old	"Greenwood Athalia" ..	672·70
Junior 4 year-old	"Glen Mavis Nancy" ..	637·15
Senior 3 year-old	"Fourshells Hope" ..	634·68
Junior 3 year-old	"Mornmoot Melody" ..	600·12
Senior 2 year-old	"The Wattles Joy" ..	604·88
Junior 2 year-old	"Fourshells Airmaid" ..	557·11

One of the most satisfactory features of this year's test is the record entry of 2,862 cows, which definitely reflects the growing appreciation among dairy-farmers of the economic advantage to be derived from maintaining only pure-bred herds, and in those herds milking only those cows which, in the test, have demonstrated that they may be profitably retained. The folly of keeping mongrel cows that frequently do not repay the cost of feed is, as a result, being more fully realized by farmers in general.

Herd Test Methods.

For the information of those dairy-farmers who are not acquainted with the procedure followed in the conduct of the Government Standard Herd Test, the following points are set out:—

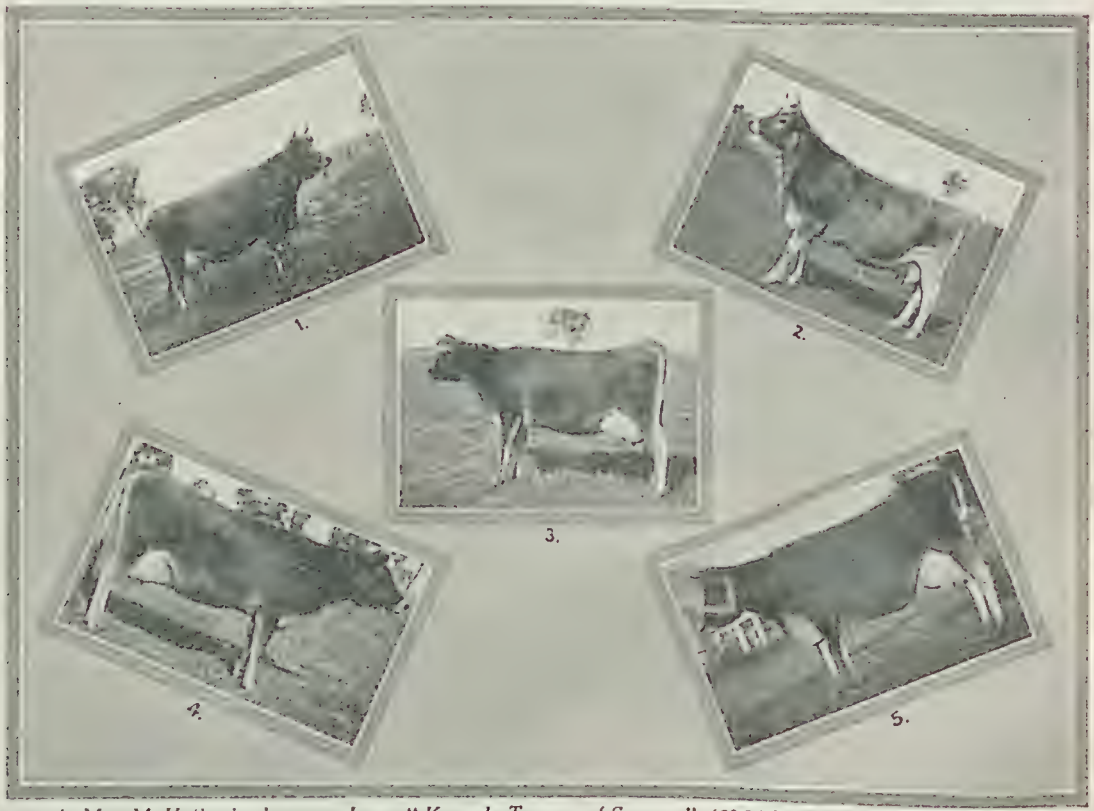
Each cow is included in the test five days after calving. For instance, if a cow calves

Mr. R. Mailer's mature Jersey, "Coolwoola Montrose Pearl's Girl", 606·68 lb. butter-fat.

Mr. W. K. Atkinson's mature Milking Shorthorn, "Willow Park Fairy", 711·75 lb. butter-fat.

on the first day of the month, she is included as from the sixth, and remains in it for 273 days as from that date. Each cow is treated and tested as a separate unit, and the Herd Test Year in which she will be included, is determined by the day on which her testing period of 273 days concludes. The Herd Test Year dates from July 1st of each year, to June 30th of the following year.

Samples are collected monthly by Government Herd Testers, who give no notice of their intended visit, and vary the dates from time to time, so that the breeder does not known when the visit is to be made. Sometimes a 48-hours' continuous test is made, while at times check tests are made with only a fortnight's interval between each. At each visit the tester takes a note of all pure-bred cows that have calved since his last visit, and the names, dates of birth, sex and sire of



1. Mrs. M. V. Stephens's mature Jersey, "Keepsake Treasure of Swansea", 628·75 lb. butter-fat; 2. Mrs. Stephens's jun.-two-year-old Jersey, "Fourshell's Airmaid", 557·11 lb. butter-fat; 3. Mrs. Stephens's sen.-three-year-old Jersey, "Fourshells Hope", 634·68 lb. butter-fat; 4. N. H. Enders's sen.-two-year-old Jersey, "The Wattles Joy", 604·88 lb. butter-fat; 5. A. A. Broad's mature Jersey, "Bunty 2nd of Coliban", 617·56 lb. butter-fat.

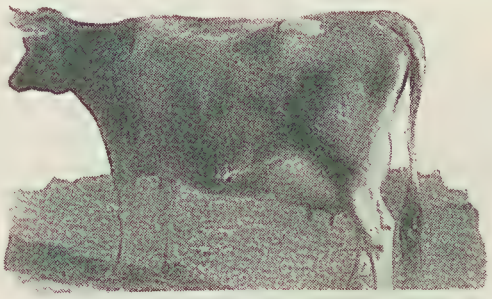
each calf, together with its tattoo number, and at once reports this information to the Department of Agriculture. This is done even though the cow may have calved on the day of the tester's visit.

In collecting a sample, the milk is poured from one bucket to another three times to ensure thorough mixing of its components, as the strippings, which test usually as high as from 8 to 11 per cent., are at the top of the milk at the completion of the milking. The sample is taken, and placed in a bottle with

Mr. W. H. Axford's mature Jersey, "Patricia of Leura", 634·36 lb. butter-fat.

two or three drops of formalin as a preservative. The bottle is labelled with the name of the cow, owner, the weight of the milk, the cow's number on the chart, and the time of day—morning or evening—when the sample is taken. It is then placed in a box, which is locked and sealed. Separate samples of the morning and evening milk are taken, and these are tested separately. This is done in order to obviate any mistake that might be made in arriving at the correct proportions, as may occur if the test is made of a mixture of both morning and evening milk.

Mr. P. J. Maloney's sen.-four-year-old Jersey, "Gem's Noella", 629·24 lb. butter-fat.



Mr. S. Bolton's jun.-four-year-old Jersey, "Glen Mavis Nancy", 637·15 lb. butter-fat

All milk thus collected by the Government Herd Tester is forwarded to the Government Laboratory, where is is thoroughly tested by the use of the Gerber testing machine. The analysts are not acquainted with, nor do they come in contact with the breeders in any way.

The results of the tests are then recorded by experienced clerks, who compile the reports, which are published in the *Journal of Agriculture* each quarter.

The lactation period for the test is fixed at 273 days in order that the cow may be dried off, and allowed three months in which to build up condition again in preparation for the birth of her next calf.

Mr. K. McGarvie's sen.-three-year-old Jersey, "Greenwood Bramble", 625·53 lb. butter-fat.

Selecting the Sire.

Various theories relating to the selection of herd sires on test records have been advanced, but, in the opinion of the writer, there is no more reliable means of arriving at an accurate estimate of the bull's worth than the progeny test. However, in purchasing a young unproved bull where no such test can exist, it is advisable to study the records of the dam and the sire's dam, and, if possible, to ascertain the records of sisters and half sisters,

rather than to be influenced by the performances of distant relatives. The heifer's production usually is an indication of whether the breeding is on sound lines. Another guide in the selection of a young bull may be had in the perusal of the sires of the most successful entrants in the Government Herd Test.

P. J. Maloney's mature Jersey, "Suspense", 609·16 lb. butter-fat.

One important factor to be borne in mind by the breeder is that the purer the blood, that is the longer it has been bred true to certain characteristics desirable in the dairy cow, the surer it will breed on. However, it is known that, for some obscure reason, there are some pure lines of blood that will not mate. This phenomena, which can be discovered only by the progeny test, can be obviated by segregating those families that combine with the best results.

New Entries.

The following new entries were accepted during the year:—Allangame, W. A., Warracknabeal, Jersey. Batten, H. J., Panmure, Jersey. Brunning, T. W., Somerville, Jersey. Christian, N. C., Mortlake, Jersey. Clarke, F. W., Toora, Jersey. Dick, J., Tyntynder South, Ayrshire. Gilchrist, A. J., Koo-weerup, Jersey. Hastings, R. P., New Gisborne, Jersey. Hore, A. J., Horefield, Illawarra Milking Shorthorn. Hore, M. T., Horefield, Friesian. Hurley, P., and Sons, Murraydale, Jersey. Irwin, H. W., Malmsbury, Jersey. Lindsay, G., Pakenham East, Jersey. Lyon, H. W., Sale, Jersey. Miller, Mrs. C., Sebastopol, Jersey. Murray, H. C., Murrabit West, Jersey. Nancarrow, E. J., Kerang, Jersey. Nicholas, A. M., Shoreham, Jersey. Nicholas, A. M., Sherbroke, Jersey. Norman, J. G., Pennyroyal, Jersey. Pearce, W. H., Eurack, Jersey. Pestell, W. M., Seymour, Jersey. Phillips, J. H., Swan Hill, Jersey. Rechenberg, J. F., Marshall, Ayrshire. Reid, Miss B. B., Bundoora, Jersey. Ross, P. B., Woodend, Jersey. Smith Bros., Mirboo, Jersey. Smith, Inglis and Co., Camperdown, Jersey. Stephens, Dr. F. G., Vermont, Jersey. Watson, D. W., Glen Iris, Jersey. White, R. T., Cardigan, Ayrshire. Wood, E. J., Frankston, Jersey.

The average yields of the leading herds are shown on page 425. Because of the limited space, only those herds averaging more than 430 lb. butter-fat are included in the list.

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Herd Records

The Standard Herd Records for the Fourth Quarter of the Test are on pages 451 to 480.

Herd Averages, 1932-33

Owner.	Breed.	Junior 2-year-old.		Senior 2-year-old.		Junior 3-year-old.		Senior 3-year-old.		Junior 4-year-old.		Senior 4-year-old.		Mature.		Total Herd.	Average without allowances.	Average with allowances.
		No.	Average.	No.	Average.	No.	Average.	No.	Average.	No.	Average.	No.	Average.	No.	Average.	No.		
1. Stephens, Mrs. M.V.	Jersey ..	4	457·17	1	498·53	..	..	1	634·68	..	..	4	513·75	1	628·75	11	513·24	584·19
2. Noble, T. M. and Son	,, ..	2	424·04	2	529·12	2	461·86	1	616·23	1	442·24	..	..	2	612·92	10	511·43	581·43
3. Enders, N. H. ..	,, ..	6	421·98	6	461·63	3	516·27	..	..	1	508·21	2	610·25	11	534·30	29	498·50	569·55
4. Chirnside, R. M.	,, ..	8	389·54	1	495·28	3	532·97	1	594·75	..	..	1	514·15	4	591·15	18	482·45	568·11
5. Read, J. D. ..	,, ..	3	432·29	2	483·56	1	413·92	4	454·85	1	542·01	..	..	9	562·45	20	505·07	561·07
6. Mailer, R. Dr. ..	,, ..	4	392·92	5	468·65	5	470·27	2	500·99	..	..	1	539·39	4	534·90	21	473·68	556·56
7. Hutchinson, J. and Sons	,, ..	3	362·55	..	..	1	434·89	1	478·07	..	..	1	526·88	7	561·29	13	496·65	543·15
8. Ronalds, O. ..	,, ..	5	410·77	1	388·66	2	480·39	3	456·69	..	..	..	..	..	..	11	433·94	533·99
9. Bidgood, F. ..	,, ..	2	327·65	1	349·18	1	480·83	1	502·32	2	588·62	..	..	3	498·50	10	466·04	522·04
10. Wood, J. V. M. ..	,, ..	9	370·39	3	433·86	4	402·49	1	478·43	3	448·87	2	576·38	6	504·31	28	437·45	520·02
11. McGarvie, K. ..	,, ..	11	333·85	9	383·51	1	475·37	9	506·16	2	465·29	5	491·55	1	434·32	38	420·46	518·93
12. Findlay, T. R. ..	,, ..	2	390·06	..	..	2	504·62	2	427·50	1	430·19	..	..	5	484·64	12	458·15	510·81
13. Broad, A. A. ..	,, ..	5	320·66	2	513·96	2	404·07	2	442·00	..	..	1	550·63	4	506·33	16	431·21	507·96
14. Dookie Agricultural College	Ayrshire	8	384·18	1	380·25	1	490·46	1	431·75	..	..	1	413·57	3	491·23	15	418·14	506·98
15. Lyon, C. G. ..	Jersey ..	7	333·19	1	476·40	4	428·35	2	482·57	1	457·42	5	457·55	5	492·23	25	427·74	501·04
16. Edwards, T. J.	,, ..	3	372·56	3	440·08	..	..	..	..	2	451·11	1	408·92	1	473·75	10	422·40	498·40
17. Findlay, G. M. ..	,, ..	4	382·00	1	396·26	1	537·32	1	440·73	1	428·47	..	..	3	439·84	11	422·75	497·35
18. Gay, R. G. ..	,, ..	3	342·87	1	382·31	3	411·24	2	448·56	..	..	..	..	5	491·14	14	428·39	493·96
19. Eldridge, A. ..	Friesian..	3	424·71	..	..	..	..	1	406·60	2	455·57	..	..	5	455·58	11	442·71	493·66
20. Quigley and Bennett	Jersey ..	3	371·44	1	439·79	1	421·91	1	483·31	..	..	1	458·16	3	440·54	10	423·91	485·91
21. Vaughan Bros.	,, ..	7	331·61	1	370·10	2	430·59	4	456·45	1	390·23	2	449·69	2	414·36	19	394·56	478·80
22. McNabb, G. and Son	,, ..	10	351·57	7	372·99	2	390·06	4	470·59	3	425·46	1	359·38	15	420·73	42	398·47	477·57
23. Mesley, Thos. ..	,, ..	5	351·30	..	..	2	428·27	..	..	1	489·91	1	407·94	3	430·83	12	400·28	474·62
24. Huffer, J. A. ..	,, ..	5	288·57	4	406·55	3	399·85	5	417·74	..	..	2	452·79	9	446·20	28	402·81	473·24
25. Smith Bros. (Mirboo North)	,, ..	5	287·47	6	357·13	1	443·07	2	496·94	1	490·02	..	..	11	454·04	26	403·91	472·29
26. Smith, G. and W.	,, ..	2	341·88	4	435·50	3	363·40	2	344·37	..	..	..	..	2	424·02	13	388·67	472·09
27. Bolton, S. ..	,, ..	3	252·97	3	353·11	..	..	1	471·30	2	561·60	..	..	4	456·54	13	402·99	471·03
28. Allwood, A. ..	Friesian..	3	308·94	3	366·63	1	322·70	..	..	1	403·67	2	563·83	..	..	10	388·07	470·07
29. Esler, Gordon ..	Jersey ..	2	325·92	5	413·94	1	457·26	1	349·68	..	..	..	..	5	414·81	14	400·18	470·04
30. Atkinson, W. K.	Dairy Shorthorn	12	302·51	6	333·62	1	457·87	2	334·11	..	..	4	407·82	19	468·88	44	393·13	467·86
31. Axford, W. ..	Jersey ..	6	342·63	1	375·30	2	386·34	2	347·42	3	365·04	6	408·84	12	472·41	32	409·86	467·74
32. Ballarat Orphanage	,, ..	7	318·99	1	502·82	2	421·93	1	461·02	..	..	..	..	5	408·49	16	380·19	460·69
33. Desmond, J. J.	,, ..	5	346·20	1	444·44	..	..	2	367·33	..	..	1	399·78	6	440·69	15	396·93	460·43
34. Enders, A. ..	Friesian..	3	307·52	1	359·32	2	348·95	1	378·44	..	..	2	450·71	4	478·11	13	397·85	459·73
35. Middleton, E. M.	Jersey ..	11	337·08	2	299·93	1	312·93	3	511·64	2	431·89	2	354·00	3	366·19	24	367·75	458·91
36. Colenso, L. W. R.	,, ..	2	307·72	2	381·39	..	..	1	399·88	1	396·92	..	..	5	449·84	11	402·20	456·79
37. Gorman, A. W. ..	Ayrshire	6	312·15	3	316·58	..	..	2	436·26	1	361·90	..	..	2	525·43	14	364·85	456·14
38. Young Bros. ..	Jersey ..	6	306·25	1	403·26	2	461·15	..	..	2	393·02	..	..	4	426·33	15	376·96	455·13
39. Tomasetti, B. G.	Ayrshire	3	348·41	2	374·02	3	349·49	1	345·77	1	505·77	..	..	2	396·42	12	373·84	454·84
40. Dobson, R. J. M.	Jersey ..	4	331·20	..	..	1	402·14	1	434·83	..	..	2	410·29	2	449·96	10	388·22	454·22
41. Harvey, Trevor	,, ..	5	285·24	2	393·57	1	344·79	3	446·12	6	338·80	1	494·60	5	483·13	23	384·33	453·22
42. Itzerott Bros. ..	,, ..	5	321·27	1	387·29	3	401·38	..	..	1	380·05	..	..	2	387·27	12	362·70	450·36
43. Cox, A. ..	,, ..	13	329·98	..	..	2	304·67	3	351·28	2	391·41	1	428·01	7	433·92	28	364·33	449·76
44. Boyes, C. H. ..	,, ..	4	346·23	4	348·35	1	394·76	1	365·27	..	..	..	..	4	409·23	14	369·66	449·52
45. Hurrey, W. H.	,, ..	4	344·81	1	295·97	2	401·25	3	397·32	2	388·46	3	411·89	4	393·24	19	381·85	447·14
46. Atherton, W. H.	,, ..	6	296·07	1	381·49	..	..	..	..	..	..	2	458·23	4	447·68	13	374·24	446·89
47. Black, Mrs. A. ..	,, ..	3	344·05	..	..	4	380·12	3	332·74	1	377·41	1	431·69	1	425·08	13	368·08	445·35
48. Vagg, E. J. ..	,, ..	4	292·25	2	327·88	..	..	1	411·57	..	..	1	428·28	3	467·52	11	369·74	444·33
49. Powell, Mrs. K. E.	,, ..	6	274·48	4	384·58	..	..	1	379·85	..	..	..	..	5	439·09	16	360·16	441·91
50. Woodmason, Wm.	,, ..	3	291·12	..	..	1	360·42	2	371·15	1	523·78	1	451·92	6	417·79	14	390·54	441·82
51. Estate, late J. Clyne	,, ..	14	296·78	5	335·58	9	376·86	..	..	2	375·66	2	400·29	19	390·50	51	356·79	441·50
52. Nolte, E. H. ..	,, ..	2	361·04	1	393·89	1	415·92	..	..	..	..	..	..	7	403·29	11	395·90	439·58
53. Archibald, L. R.	,, ..	5	295·60	1	344·33	2	341·75	..	..	3	436·87	..	..	5	415·36	16	368·33	437·58
54. Belfield, G. H. ..	,, ..	2	273·98	4	384·08	..	..	..	..	..	..	1	401·30	4	401·28	11	371·88	437·38
55. Batten, H. J. ..	,, ..	4	338·86	1	355·15	..	..	..	..	1	329·75	..	..	4	424·66	10	373·90	435·90
56. West, J. C. ..	Illawarra Shorthorn	3	381·71	..	..	4	328·86	4	367·56	2	385·68	1	402·84	2	358·79	16	363·91	435·66
57. Handbury, J. E. & Son	Jersey ..	3	292·78	..	..	..	..	1	432·13	4	387·19	2	388·96	3	439·66	13	381·24	435·43
58. Neave, E. B. ..	,, ..	3	324·66	..	..	1	471·04	1	459·51	1	409·16	4	323·48	3	445·59	13	380·21	434·41
59. Department of Agriculture (Werribee)	Friesians	2	297·69	2	360·23	..	..	1	373·78	1	417·40	1	407·84	3	421·80	10	378·03	434·03
60. Cameron, D. & Sons	Jersey ..	4	288·24	2	354·25	..	..	..	..	..	..	3	428·59	2	412·01	11	361·02	433·79
61. Simpson, T. E. & Son	,, ..	1	331·69	..	..	3	379·12	1	426·41	1	356·86	..	..	7	405·88	13	391·81	433·69
62. Ryan, D. M. & Sons	Illawarra Milking Shorthorns	3	321·37	1	314·47	2	383·76	2	366·21	4	423·80	1	245·32	3	379·56	16	366·11	431·61
63. Emmett, W. H.	Jersey ..	3	317·09	2	343·15	3	346·58	2	431·67	1	298·38	1	440·77	4	374·30	16	361·06	430·31

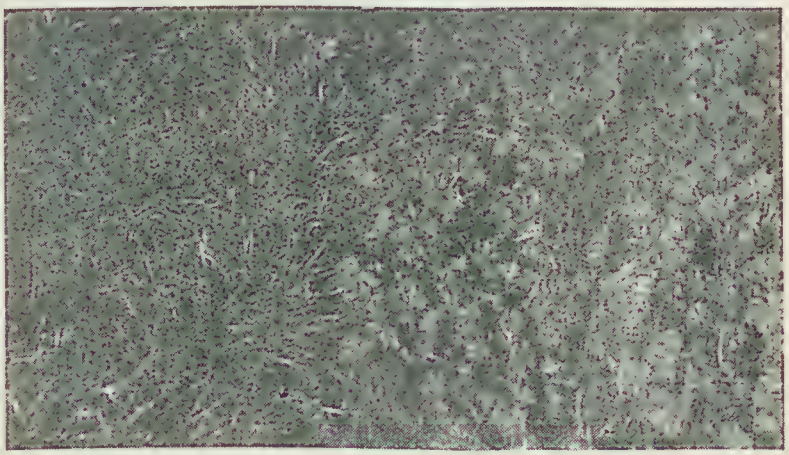
Pasture Trials at Camperdown

Results to Date

Report by the Agrostology Branch.

IN June, 1931, the Department of Agriculture, in conjunction with the Camperdown Pastoral and Agricultural Society established a pasture experimental field on the farm of Messrs. Errey Bros., at Camperdown. A preliminary report on these tests was published in this *Journal* in July, 1932, and the following further observations are now recorded.

The field was sown down to the following plots, each one quarter of an acre in area:—



Left, a persistent strain of perennial rye-grass; Right, a short-lived rye-grass replaced by weeds.

Plot No.	Mixture Sown.
1.	Victorian perennial rye-grass 20 lb., and white clover 3 lb. per acre.
2.	Imported English rye-grass 20 lb., and white clover 3 lb. per acre.
3.	New Zealand certified perennial rye-grass 20 lb., and white clover 3 lb. per acre.
4.	Victorian perennial rye-grass 16 lb., and white clover 3 lb. per acre. To half of this plot Meadow foxtail was added at the rate of 8 lb. per acre, and to the other half *Phalaris tuberosa*, also at the rate of 8 lb. per acre.
5.	South Island rye-grass (uncertified New Zealand seed) 20 lb., and white clover 3 lb. per acre.
6.	Irish perennial rye-grass 20 lb., and white clover 3 lb. per acre.
7.	Control plot, left unsown.
8.	Victorian perennial rye-grass, with cross sections sown to various strains of white clover and cocksfoot.

The germination of the rye-grasses was very good in all plots except No. 2, sown to English rye-grass. Here there was an almost complete failure due, it was subsequently disclosed, to the high proportion of dead seeds in the sample. The behaviour of the Irish rye-grass (plot 6), however, may be taken as representative of English rye-grass also, since it is known that there is no apparent difference in type between "English" and "Irish" rye-grass.

In the early summer of 1931 the plots were run over with a mower to remove seed heads, and prevent re-seeding as much as practicable. The following spring the field was cut for hay. Thus re-seeding was prevented to a large extent, though it was observed that a certain amount took place.

In the season of sowing the growth of the South Island rye-grass (New Zealand uncertified) was outstanding. It was rapid and luxuriant, and for the first few months this plot carried much more feed than the others.

It was observed also that sheep showed a preference for grazing on this plot, owing apparently to the tender, succulent nature of the leaves. The strain proved to be short-lived, however, and after the summer the plants had thinned themselves out in a very disappointing manner.

On the other plots, growth was slow for several months, but a good sward was slowly and surely established in each case. By the end of summer, however, the Irish rye-grass had deteriorated. The sward was showing signs of thinning out, and looked poor in comparison with the dense sturdy stands of Victorian and New Zealand (certified) perennial rye-grass.

Left, a persistent strain of New Zealand certified perennial rye-grass; Right, poorly adapted and dying out—Irish perennial rye-grass.

Periodical inspections have been carried out, and in early July, 1933, two years after sowing, estimations were made of the proportion of ground covered by rye-grass and white clover in each plot, and also by *Phalaris tuberosa* in the case of plot 4. The results are set out in the following table:—

Estimation of Cover Degree.*

Plot.	Percentage of Plot Covered by—			
	Perennial Ryegrass.	White Clover.	Phalaris Tuberosa.	Bare Space.
	%	%	%	%
1. Victorian perennial ryegrass and white clover ..	76·3	4·0	..	19·7
2. English ryegrass and white clover	8·0	38·4	..	53·6
3. New Zealand certified perennial rye-grass and white clover	82·1	0·6	..	17·3
5. South Island ryegrass (New Zealand uncertified) and white clover	0·6	3·4	..	96·0
6. Irish rye-grass and white clover	7·5	1·5	..	91·0
4. Victorian perennial ryegrass, white clover and Phalaris tuberosa	66·5	2·5	11·75	19·25

* The quadrat method of estimation was employed.

An examination of these figures reveals the failure of Irish rye-grass and New Zealand South Island rye-grass after the second year of growth. In the first spring there was practically a complete cover of rye-grass on both these plots, but, after two years, one covers only 0.6 per cent., and the other only 7.5 per cent. of the ground. Their failure must be regarded as serious condemnation of their suitability for permanent pasture at Camperdown. They were sown under very good conditions, struck well, and were well managed, but have failed to survive in any significant proportion.

It is interesting to compare the English rye-grass (plot No. 2) and the Irish rye-grass (plot No. 6), now known to belong to the same strain. They now give the same amount of cover, although the English rye-grass, it will be recalled, gave a very bad germination, and the Irish rye-grass struck well, and formed a good sward. The few plants of English rye-grass which grew apparently are still persisting, whereas the Irish rye-grass has thinned out until it is present only in the same proportion as the English rye-grass. An explanation cannot be offered, but it has been observed in the experimental plots at Burnley that Irish rye-grass, while seemingly definitely perennial in type, thins out if the plants are in close competition, whereas individual plants persist fairly well if spaced well apart. This is in marked contrast to both Victorian and New Zealand (certified) perennial rye-grass, in both of which the plants persist in close competition. It is not clear why this should be so, but it may be due to a lack of capacity on the part of Irish rye-grass

to become dormant like the Victorian and New Zealand (certified) strains during the summer months, which results in wilting and death.

In great contrast to the failure of the Irish rye-grass and the New Zealand South Island type is the success of the Victorian and the New Zealand certified types. Both gave a good germination immediately after sowing, and have maintained an almost complete cover ever since. After two years the Victorian strain covers 76.3 per cent., and the New Zealand strain 82.1 per cent. of their respective swards. This, too, after the fairly severe summer of 1933. These results are very gratifying indeed, and reveal the suitability of both types for permanent pastures in Southern Victorian districts similar to Camperdown.

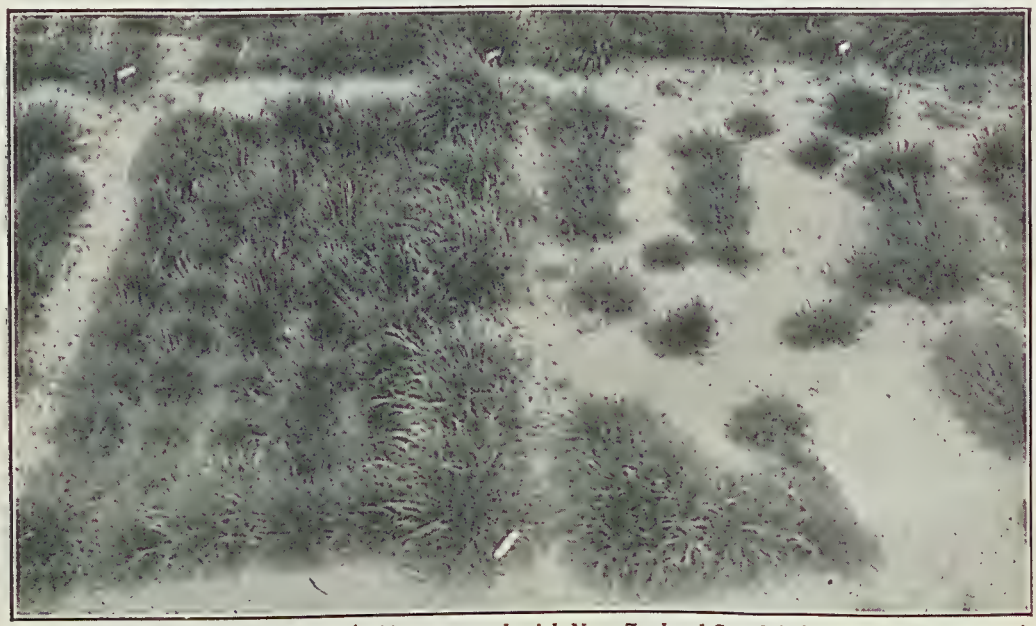
The cover of 11.75 per cent. given by *Phalaris tuberosa* in plot 4, though not considerable, is encouraging. It is evidently making headway along with the rye-grass, and its future progress will be watched with interest. Its inclusion in the mixture was costly, however (32s. per acre), and so far the results scarcely justify the cost.

The Meadow Foxtail, sown on the other half of the same plot, has been an almost complete failure. On inspection in July of this year, only very occasional plants could be found.

The occurrence of white clover in the different plots is worth special study. It was sown at the rate of 3 lb. per acre on all the rye-grass plots, but is now present to a considerable extent (38.4 per cent. cover) in plot 2 only, where it was sown along with the English rye-grass, which practically failed to germinate. Thus it encountered very little competition on this plot, and appears to have spread accordingly. On plot 1, Victorian rye-grass, and plot 3, New Zealand rye-grass (certified), it covers only 4 per cent. and 0.6 per cent. respectively, and appears to have little chance at Camperdown against these steadily persistent types. It also covers only small proportions (3.4 per cent. and 1.5 per cent. respectively) of plots 5 and 6, where the New Zealand South Island rye-grass (uncertified) and the Irish rye-grass have practically disappeared. However, it may possibly spread further on these plots, especially in a favorable season, and its future progress will be watched with interest. It was effectively suppressed in the first season by the good growth of rye-grass on both these plots, and as this disappeared, capeweed came in, but there is still sufficient white clover present to take advantage of a favorable season, and spread over the bare spaces.

The variuos cocksfoot strains sown along with perennial rye-grass on plot 8 show some interesting differences. The Victorian strain occupies some 20 per cent. of the ground, compared with 10 per cent. by the Danish. There is correspondingly more rye-grass in the Danish

(*Continued on page* 442)



New Zealand certified rye-grass (left) compared with New Zealand South Island rye-grass (right).

Cherry Growing in Victoria

By

F. J. Greatorex, Orchard Supervisor

Fig. 1.—Bedford Prolific Cherry on Mazza rd stock,

CHERRIES belong to the genus Prunus, a plant division which includes also peaches, almonds, plums, and apricots. There are more than 100 species and approximately 1,200 varieties of cherries, divided into two fairly clearly defined groups, one with a firm hard flesh, and known as Bigarreau; the other with a soft tender flesh of the heart, or Gean type.

Fig. 2.—Bigarreau Napoleon Cherry on Mazzard stock.

History does not tell us when the first cherry tree came into cultivation, but the story of this fruit undoubtedly dates back to the times of primitive man. Direct proof of the ancient use of cherries is furnished by the finding of cherry pips of different species in the deposits of Swiss lake dwellings, in the mounds and cliff caves of prehistoric inhabitants of America, and in the ancient rubbish heaps of Scandinavian countries.

Pliny is generally credited as being the first historian of the cherry. Nearly eighteen and a half centuries ago he gave an account of the cherries of Rome with the statement that Lucullus, the Roman soldier, had brought them to Rome in 65 B.C. from the region of the Black Sea. But Hedrick, in "Cherries of New York," points out that wild cherries must have been known in Rome long before the days of Lucullus, and one cannot doubt that the improvement of the cherry from its wild form to the present cultivated varieties has been in progress almost since the dawn of civilization.

Almost all present-day cherries are chance seedlings, very few having been raised as the result of cross-pollenization. Of cherries

cultivated for their fruit there are no records of mutations or sports either from seed or buds.

During the past six or seven years the area under cherry-tree cultivation in Victoria has increased greatly, the total, according to the census taken in 1931, being 1,504 acres, the produce from which amounted to 46,256 bushels. This was almost one-third of the total cherry production of the Commonwealth. This crop was valued at £39,318, representing an average of 17s. 6d. per case. Since 1931 the area under cherries in this State has continued to increase, and, at present, amounts to approximately 2,000 acres. This advance in acreage is due probably to the high prices that have been obtained for cherries in recent years.

Fig. 3.—Florence trees worked on Mazzard seedling (left) and on Kentish sucker (right). Note suckers on the latter tree.

If planted on the correct stock and on suitable soil, a few acres of cherry trees in an orchard are considered profitable, but it is essential that the factors mentioned be given the attention they deserve. Yields in many cases have been greatly reduced, and premature death frequently has occurred because of the use of an unsuitable stock, and bad soil conditions.

VARIETIES.

The dark varieties are mostly grown, but recently, owing to the demand for cherries for crystallization purposes, some of the lighter varieties have been coming into favour.

The order of popularity of the various varieties in 1929 is as follows, the figures indicating the number of trees of each variety being taken from the census returns for that year:—Bedford Prolific, 28,499 trees; Early Purple Guigne, 18,002; St. Margaret, 17,247; Burgsdorf Seedling, 14,784; Bigarreau Twyford, 14,712; Florence, 9,219; Bigarreau Napoleon, 7,731; Early Lyons, 7,371; Eagle's Seedling, 5,729; Werder's Early Black, 4,689; Early Rivers, 1,686; Kentish, 1,784; and other varieties, 8,294 trees.

Since 1929, various causes have contributed to a change in this order. While Bedford Prolific is still the most popular cherry, Burgsdorf Seedling now occupies second place, and Napoleon is moving above Florence. St. Margaret, Early Lyons, and Wedner's Early Black are gradually going out of favour, and are being replaced by the more popular varieties. In addition to those included in the above list, the varieties Chapman, Black Bigarreau, Reine Hortense, and Black Eagle have been widely planted during the past few years.

Description of Varieties.

Bedford Prolific.—Medium to large fruit, light to dark-red in colour, with firm flesh and smallish stone; excellent for preserving; good grower and bearer. Blooming date, approximately 22nd September; ripening date, approximately 23rd November.

Bigarreau Black.—Large fruit, dark-red approaching black, firm flesh, large stone; fruit cracks badly in wet seasons; medium bearer; preserves well. Blooming date, approximately 18th September; ripening date, approximately 21st November.

Bigarreau de Mezel.—This variety is practically identical with Black Bigarreau.

Bigarreau de Hollande.—Medium to large fruit, light in colour, firm flesh, small to medium stone; preserves well; used for crystallization; good bearer. Blooming date, approximately 2nd October; ripening date, approximately 3rd December.

Fig. 4.—Bedford Prolific on Mazzard seedling stock. (Grown on poor soil.)

Bigarreau Napoleon.—Medium to large fruit, light colour, firm flesh, small to medium stone; preserves well; used for crystallization; good bearer. Blooming date, approximately 1st October; ripening date, approximately 3rd December. This variety is very similar to Bigarreau de Hollande.

Bigarreau Twyford. — Medium fruit, light colour, firm flesh, medium stone; preserves well; used for crystallization; good bearer. Blooming date, approximately 22nd September; ripening date, approximately 12th November.

Black Eagle.—Small to medium fruit, dark-red colour, fairly firm flesh, stone large for small cherry; good bearer. Blooming date, approximately 1st October; ripening date, approximately 22nd November. This variety is easily damaged by winds.

Black Diamond.—Medium fruit, dark-red approaching black when fully ripe, small stone, firm flesh, medium bearer. Blooming date, approximately 5th October; ripening date, approximately 8th December. This cherry is not widely grown, but as a late black cherry many growers prefer it to St. Margaret. The fruit is not so large, but is softer in the flesh than the latter.

Bing.—Small fruit, dark-red approaching black, firm flesh, small stone; ripening date, approximately 7th December.

Burgsdorf Seedling.—Medium fruit, light-red in colour becoming darker when fully ripe, soft flesh, good bearer. Blooming date, approximately 16th September; ripening date, approximately 31st October. This variety is now taking the place of Early Purple Guigne. It ripens just as early and is more reliable.

Californian Advance.—Small fruit, light to dark-red approaching black when fully ripe, small stone. Blooming date, approximately 23rd September; ripening date, approximately 12th November.

Chapman.—Medium fruit, dark-red in colour, soft flesh, heart shaped, small to medium stone; good bearer. Blooming date, approximately 25th September; ripening date, approximately 12th November. This variety is not yet well known, but has great possibilities, ripening early, and coming in at a good time.

Doncaster Seedling.—Medium fruit, colour light to dark-red, soft flesh, small stone. Ripening date, approximately 28th November. The fruit of this variety resembles Bedford Prolific, except that it is rounder, and is not so good.

Fig. 5.—Bedford Prolific on Kentish stock. (These trees are in same orchard as those shown in Fig. 4.)

Early Purple Guigne.—Medium fruit, soft flesh, dark-red in colour, and, when fully ripe, becoming very dark. Blooming date, approximately 15th September; ripening date, approximately 27th October. This variety is a light bearer, and takes longer to come into bearing than any other sort.

Early Lyons.—Large fruit, light-red becoming darker when fully ripe, firm flesh, large stone; fruit cracks badly in wet seasons; good bearer. Blooming date, approximately 21st September; ripening date, approximately 7th November.

Early Rivers.—Medium fruit, light-red, soft flesh, small to medium stone; medium bearer. Blooming date, approximately 21st September; ripening date, approximately 13th November.

Eagle's Seedling.—Medium to large fruit, light to dark-red in colour, firm flesh, smallish stone; good bearer; preserves well. Blooming date, approximately 21st September; ripening date, approximately 22nd November. This cherry is very similar to Bedford Prolific, and is being planted extensively. It ripens approximately two to three days earlier than Bedford.

Florence.—Medium to large fruit, light in colour, firm flesh, medium stone; fair bearer; preserves well; used for crystallization. Blooming date, approximately 30th September; ripening date, approximately 5th December.

Knight's Early Black.—Small fruit, dark-red approaching black when fully ripe; heavy bearer. Ripening date, approximately 23rd November. This cherry is hard to pick from the tree, as the stems cling firmly.

St. Margaret.—Large fruit, dark approaching black, firm flesh, large stone; preserves well. Blooming date, approximately 4th October; ripening date, approximately 6th December.

Noble.—Medium size fruit, dark, firm flesh, medium stone; fruit cracks easily in wet seasons; similar to that of St. Margaret, but not so large. Ripening date, approximately 7th December.

Oregon.—Medium size fruit, light to dark-red, flesh not hard, medium stone. Ripening date, approximately 7th December. This cherry is rarely grown, but being a late variety is well worth a trial.

Reine Hortense.—Medium size fruit, dark, firm flesh, small stone. Blooming date, approximately 26th September; ripening date, approximately 4th December. This cherry is gaining in favour.

Werder's Early Black.—Small fruit, colour dark bright red approaching black, flesh firm; good bearer. Blooming date, approximately 21st September; ripening date, approximately 10th November.

Windsor.—Medium fruit, light-red, firm flesh, large stone; good bearer. Blooming date, approximately 26th September; ripening date, approximately 3rd December. This variety is not well known.

Wilks.—Medium size fruit, dark-red approaching black, small stone; medium bearer; stem leaves fruit very easily. Blooming date, approximately 27th September; ripening date, approximately 18th November.

The blooming and ripening dates given above are approximate as they vary according to seasons and localities. In 1932, the blossoming date was four to seven days earlier than in the previous season.

LOCATION AND SOILS.

The principal cherry-growing districts of Victoria are in the counties of Bourke, Evelyn, Mornington, and Grant, where there are some 1,200 acres of cherries. The Northern District, comprising the counties of Gunbower, Gladstone, Bendigo, Rodney, and Moira, has approximately 100 acres, while the balance is scattered over the rest of the State, including the north-eastern portion, and the central districts, where extensive plantings are being made.

The question of a site for a cherry orchard is an important one. As the cherry is an early bloomer and the flowers are likely to be injured by frosts and cold or rainy weather, the site chosen should be the most sheltered position obtainable.

Soils must be well drained, as probably no other variety of fruit tree is more susceptible to the ill-effects of bad drainage. During the winter of 1931 many cherry trees died because of wet soil conditions, and these losses probably would have been prevented had the soil been well drained.

The cherry thrives best in the lighter classes of soil, but even in heavier soils it can be grown reasonably well. Sandy soils should be avoided, as they become very hot in summer, and the tender roots are damaged considerably. Soils that dry out excessively also are unsatisfactory. The sweet cherry, being particularly sensitive to both heat and cold, cannot continue to carry regular crops if either roots or foliage suffer as the result of these influences.

STOCKS.

The seed of the cherry, as with that of all fruit trees, does not produce trees true to the type from which it originated, and the fruiting types of cherries have to be grown by budding or grafting.

Stocks of cherry trees play a most important part in the successful growth of the fruit. At present, opinion is divided as to the best stock to use, but during the past few years most growers have favoured the Mazzard, provided it is worked with varieties most suited to it.

Fig. 6.—Typical foliage of the Mazzard stock.

The following three varieties are used as root stocks in Victoria:—

Prunus avium (Mazzard).—As a wild plant this cherry inhabits all the mainland of Europe. It is a small sweet cherry. (Fig. 6.)

Prunus cerasus (Kentish).—This stock originated in south-eastern Europe and the near-by countries in Asia. It is known also as the sour or pie cherry. (Fig. 7.)

Prunus mahaleb (Mahaleb). — This stock also is a native of Europe and Asia. It is now rarely used in Victoria, having lost favour because of its dwarfing effect on the tree. It produces a shiny, black, bitter cherry, which is scarcely edible.

Fig. 7.—Typical foliage of the Kentish stock.

Mazzard Stock (*Prunus avium.*)

The Mazzard stock comes from the wild sweet cherry, *Prunus avium,* and does not do well where extremes of heat or cold prevail. It grows to a height of 30 feet or more, and varieties worked on it also grow into big trees. Trees raised from Mazzard seed grow very well, and are uniform in growth, while the stock does not sucker. The fruit of the Mazzard is

a b c d e f

Fig. 8.—(a) Mazzard seedling as imported; (b) scion, side view; (c) scion, full view; (d) root for grafting; (e) b and d grafted; (f) root for planting to give suckers.

Fig. 9.—A two-years old root graft (Florence on Mazzard root.)

very small, dark, sweet, and edible, and the tree in blossom acts as a good pollenizer for the late blooming varieties. The stock is most commonly raised from seed, but it can be grown also from root pieces and layers, and by root grafting. Trees raised by this latter method may be grown direct. Fig. 8 shows—(*a*) a Mazzard seedling as imported from France; (*b*) and (*c*) scions of variety, one of which is to be worked direct on to a piece of root (*d*) by means of the ordinary whip-tongue graft. The completed root graft is shown at (*e*). A root graft such as this should be planted so that the top bud on the scion is just above ground level. (*f*) is a piece of root ready for planting to form a stock. This, too, should be planted to ground level. A two-years old root-graft is shown in Fig. 9.

Fig. 10 shows two Mazzard stocks raised by layering. With this method a well-grown stock is cut off 2 to 3 inches above the rooting system, and planted in the ordinary way, the top of the stock being a few inches below ground level. Later, when the suckers are 10 to 12 inches high, earth should be hilled up about these leaving only a few inches showing. In the following winter this earth is removed and the rooted suckers severed from the main stock.

Another method of layering is to bend the whole of the top portion of the seedling stock down to the ground, where it is pegged into position. The weaker growth at the top of the seedling is cut away. When the shoots are 10 to 12 inches long these are covered with soil, as in the first method, and the suckers cut away in the following winter. Raising the Mazzard stock from layers has been adopted in Victoria only in the past few years.

Mazzard seedlings used by Victorian orchardists are raised for the most part in France, and usually arrive early in the New Year. These stocks are tied in small bundles, the roots being packed in moss. Immediately on arrival, these seedlings should be unpacked, heeled in in a moist and shady spot, and watered. Each bundle, when untied, should be placed in the ground to allow the soil to set round the roots of each plant. Arriving in summer, as they do, the plants generally come into growth before the time of planting, which is early winter. All such growth should be cut off prior to planting.

Trees worked on Mazzard stock become larger, thriftier, more productive, and have a longer life than those worked on other stocks. They, also, are more resistant to gummosis and black aphis than varieties worked on the Kentish stock.

Fig. 10.—Two Mazzard layers for stocks.

The Mazzard undoubtedly is the best stock for most varieties of cherries, and is certainly the best for planting in the poorer classes of soils. Trees growing on Mazzard stock take a few years longer to come into bearing, but this loss is later recouped by the increase in the quantity of the fruit.

There are a few varieties which, when grafted or budded on this stock, are some years longer than most varieties in coming into full bearing, but these eventually are profitable. The most noticeable of these are Early Purple Guigne and St. Margaret. For this reason the Mazzard stock is often condemned, but it has been found that most varieties that are shy on it do eventually come into good bearing, while at the same time it is undoubtedly the most satisfactory stock for most other varieties of cherry that do not suffer so greatly from this disability. It also must be noted in justice to Mazzard stock that Early Purple Guigne takes longer than other varieties to produce fruit on any stock.

Other varieties that are shy bearers for a few years are Black Bigarreau, Reine Hortense, Bigarreau Pellissier, Early Rivers, and Wilk's. In many instances, varieties that are shy on the Mazzard stock begin to bear payable crops when about twelve years old, gradually improving with each year thereafter.

The following varieties may be worked on Mazzard stock with safety:—Bedford Prolific, Bigarreau Napoleon, Bigarreau de Hollande, Bigarreau Twyford, Black Eagle, Burgsdorf Seedling, Chapman, Early Lyons, Doncaster Seedling, Eagle's Seedling, and Werder's Early Black.

The following varieties are shy on the Mazzard stock:—Black Bigarreau, Black Diamond, Early Purple Guigne, Early Rivers, St. Margaret, Reine Hortense, and Wilk's. If worked on Kentish stock these varieties will come into production earlier, but are subject to the disadvantages of that stock.

Kentish Stock (*Prunus cerasus*).

The Kentish cherry has been used extensively for many years. Trees grown from this stock have given good results, but recently it has not been satisfactory for reasons later set out. If allowed to fruit, it bears small edible, fruit, scarlet in colour, which makes excellent cherry jam.

Trees worked on Kentish stock usually come into bearing early, while some varieties have a tendency to overcrop, thereby producing small fruit. This stock will grow on most soils, but on the poorer soils it is unsatisfactory, and rarely produces good trees.

The life of a tree on Kentish stock is not so long as that of one on Mazzard, and it is more subject to diseases, especially aphis and gummosis, while the scion always overgrows the stock. (Fig. 11.) This may often be seen when the tree is about three years old or sooner, and, as a consequence, the growth of the tree is checked. There have been many cherry trees planted on this stock during the past few years on land unsuitable to it, with the consequence that poor returns are inevitable.

Fig. 11.—Tree worked on Kentish stock, showing the scion overgrowing the stock.

The Kentish stock, being of a dwarf character, when the sweet cherry is worked on to it, with very few exceptions, a smaller tree is the result. Also, trees worked on this stock require much attention. They should not be planted on poor soils, and they must not be severely pruned.

Although they may be raised from seed, Kentish stock usually are obtained by nurserymen or orchardists from suckers which have grown from roots cut during ploughing or cultivating activities. (Fig. 13). When grown from suckers the root system of a Kentish stock is generally one-sided and shallow. This makes for an ill-balanced rooting structure, and probably accounts for the presence in many orchards of trees growing at an angle of 10 to 15°.

Kentish stocks may be raised also by means of cuttings or root-pieces (Fig. 15). In planting root-pieces, a much better root system usually may be secured by covering the root for the whole of its length, allowing the top only to appear just above the surface.

It is usually found that varieties most suited to the Kentish stock give better results when grafted on to the root as a root graft, as distinct from the usual method of growing the stock and budding or grafting it in the manner adopted with most fruit trees (see Fig. 14).

Fig. 12.—Mazzard stock (left) and Kentish stock (right).

If it is not practicable to graft direct to the root of the stock, it is advisable to do so as near to the roots as possible.

Fig. 13.—Kentish sucker as pulled from the orchard; note the uneven rooting common to this stock.

Mahaleb Stock (*Prunus mahaleb*).

Prunus mahaleb grows wild throughout central Europe and Asia. As a stock it has been little used in Victoria, and is comparatively unknown to cherry-growers.

Fig. 14.—Budded stock (left) and root graft (right).

Mahaleb stocks are imported from France, and are raised mostly from seed, although they can be grown by layers and cuttings. (Fig. 15.) Until 1931, this stock had not been imported into Victoria for 25 to 30 years. It is quite different in appearance from the Mazzard and Kentish, the leaves more closely

Fig. 15.—Kentish (left) and Mahaleb (right) cuttings for stock.

resembling those of an apricot than a cherry. The fruit when ripe is a shiny black, is scarcely edible—being hard and bitter—and is produced early. It is cultivated in Europe as an ornamental tree.

Trees worked on this stock come into bearing earlier than those on Mazzard, but the stock has a dwarfing effect on the varieties worked on to it, and the union is not so good as is the case when the trees are worked on the latter. In addition to this disadvantage, the stock usually outgrows the scion, and this is very noticeable on some old trees. This is the reverse to what occurs when the trees are worked on Kentish stock, but, even with its disadvantages, this stock is better than the Kentish, and the tree has a much longer life.

Mahaleb stock will thrive in a greater range of soils than the Mazzard and Kentish, and is better adapted to the shallower soils. It also stands heat and cold better, will stand more pruning than the trees on the Mazzard or Kentish, and is very resistant to gummosis. Trees on this stock live longer than those on Kentish, but not so long as those on Mazzard.

The Raising of Seedlings.

The raising of cherry seedlings presents more difficulties than is the case with seedlings of other fruits. Unless kept in proper condition, the bulk of the seeds will not germinate. Seeds that in the past have been imported from France, though packed in charcoal dust to keep them cool, have always failed to germinate satisfactorily. Seed can be seriously injured by careless handling, and by being left in a pile with particles of flesh adhering. Two or three days of this treatment may prevent subsequent germination.

Fig, 16.—Florence on Mahaleb stock.

When the fruit is ripe, it should be dried (not over-dried) in the shade for a few hours. If there is a large quantity of seed, it should be placed in two or more layers, with soil between. When storing it should be kept cool, and if the seed is placed in moist sand it should germinate in spring. "Stratification" or placing the seed in layers in the soil, as explained above, has the effect of ripening the seed, a process which occupies some weeks.

Failure to raise cherry seedlings usually is attributable to careless storing. In such cases it is sometimes found that the kernels have dried out. Many commercial varieties of sweet cherry do not form a high percentage of kernels in the stones. It frequently happens that the smaller the fruit, the higher the percentage of kernel formation occurring. Seedlings raised from fruiting varieties of cherries are very similar in appearance to seedlings of the Mazzard.

The seeds of the following varieties have been tested, and the percentages of correct kernel formation were as follow:—Early Lyons (15 per cent.), Bigarreau Twyford (20 per cent.), Burgsdorf Seedling (50 per cent.), Werder's Early Black (70 per cent.), Early Rivers (20 per cent.), Bedford Prolific (25 per cent.), Black Eagle (70 per cent.), Black Bigarreau (50 per cent.), Bigarreau Napoleon (80 per cent.), St. Margaret (70 per cent.).

When sowing, place the seeds in moist soil in a shady place in the open. When the seed starts to grow (which is usually about the middle of June) it may be planted out in rows.

Orchardists who have a Mazzard cherry tree in their orchard are advised to endeavour by the above method to raise seedlings to act as stocks.

Seed from the late fruiting varieties produce the most viable seeds, and the smaller the variety of cherry the better the kernel.

[*Other aspects of cherry growing in Victoria will be dealt with in subsequent issues of this Journal.*]

The Control of Summer Spot of Pears

Progress Report

By S. Fish, M.Agr.Sc., Assistant Plant Pathologist, and F. J. Greatorex, Orchard Supervisor.

Plate 1.—Pear showing summer spot development and an old spring spot.

DURING the last few years the export of pears from Victoria to the United Kingdom, the Continent, and the Eastern ports has increased considerably, shipments last season amounting to about 400,000 parcels as compared with 2,500 parcels in 1926-27.

The development of Black Spot on this fruit is a serious limiting factor in the production of pears of a standard suitable for export. The first grade or "standard" pear for export must be free from spot, while the second grade or "plain" pear must have so little spotting "effect" that when taken as a whole it must not exceed a spot with a diameter of one quarter of an inch.

Last year, probably some 25 per cent. of the pear crop was rendered unfit for export by the Black Spot disease. In previous seasons the loss would exceed this figure.

Plate 2,—Stage at which the spot was first visible last season.

The varieties most susceptible to this disease are Packham's Triumph, Williams' Bon Cretian, Buerre Bosc, Winter Nelis, and Vicar of Winkfield. Those found to be somewhat resistant but not immune are Winter Cole, Josephine, Howells, and Keiffer.

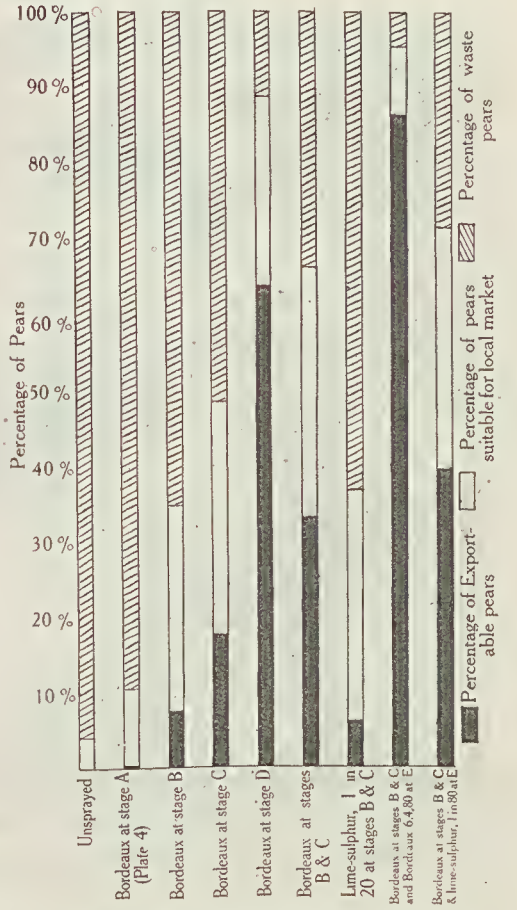
The fungus causing Pear Black Spot differs slightly from that which produces Apple Black Spot and is incapable of producing infection in apples. The first appearance of the disease may be seen on the flower parts, but it is generally visible on the young fruits about three weeks after setting.

The spores necessary to produce the infection during the spring are derived from the affected leaves in the soil from the previous season. In the autumn the diseased leaves fall, generally prematurely if the infection is severe. The fungus continues to develop in the diseased spots in these old fallen leaves and produces

numerous microscopic, rounded, black bodies which are embedded in the semi-decayed leaves. These bodies, which are less than one-hundredth part of an inch in diameter, are very numerous. As many as 60 of such bodies may occur on a half-inch square of leaf. In each of these tiny bodies there are about 200 spores. This would mean that 12,000 spores could be produced from a piece of old decayed pear leaf ½ inch x ½ inch. The numerous decayed leaves which are generally present on the surface of the ground in the spring constitute an important source of the Black Spot fungus, and ploughing operations should be regulated so that as few old leaves as possible are present on the surface of the ground in early spring.

The time of ejection of the spores from these leaves varies somewhat from year to year, but usually they are ready for ejection just as the buds are breaking—or a little before this period. The actual ejections of spores are produced by the early spring rains, and the spores are shot out with force into the air and are carried by the wind on to the tree. The spores lodge on the flower parts, leaves, and young fruits, and will produce infection, provided that the trees are actually wetted for a period of some hours. The time taken for the spot to be visible would be somewhere about 12 to 17 days from the initiation of infection. This period would depend on the prevailing temperatures.

The Black Spot which occurs on the fruit, leaves, and young wood may extend later in the spring and in the summer. Last season's


100 %
90 %
80 %
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60 %
50 %
40 %
30 %
20 %
10 %
Percentage of Pears
Percentage of Export-able pears
Percentage of pears suitable for local market
Percentage of waste pears
Unsprayed
Bordeaux at stage A (Plate 4)
Bordeaux at stage B
Bordeaux at stage C
Bordeaux at stage D
Bordeaux at stages B & C
Lime-sulphur, 1 in 20 at stages B & C
Bordeaux at stages B & C and Bordeaux 6-4-80 at E
Bordeaux at stages B & C & lime-sulphur, 1 in 80 at E

Fig. 1.—Graph showing the percentage of exportable Packham's Triumph pears from each of the spraying schedules (Plate 4).

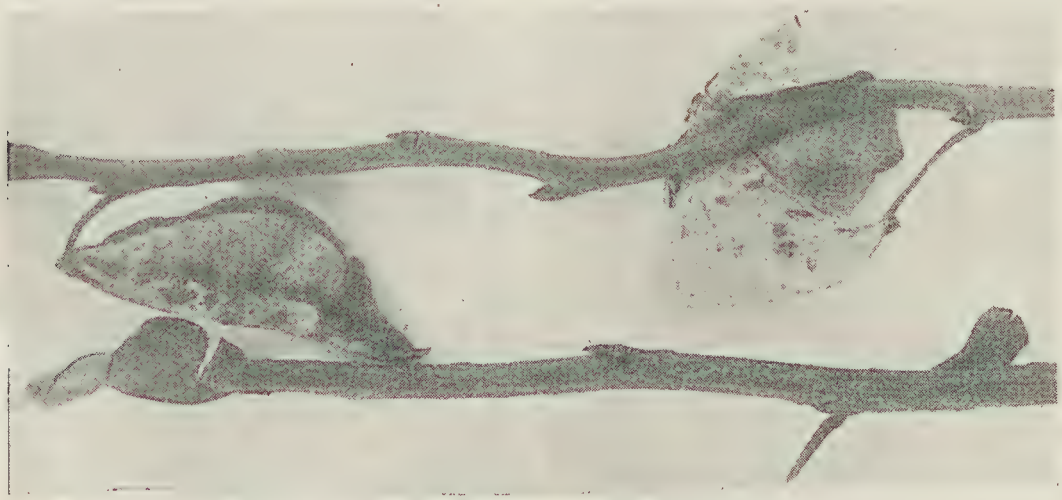


Plate 3.—Showing black spot on young wood and leaves.

Plate 4.—Stages at which sprays were applied.

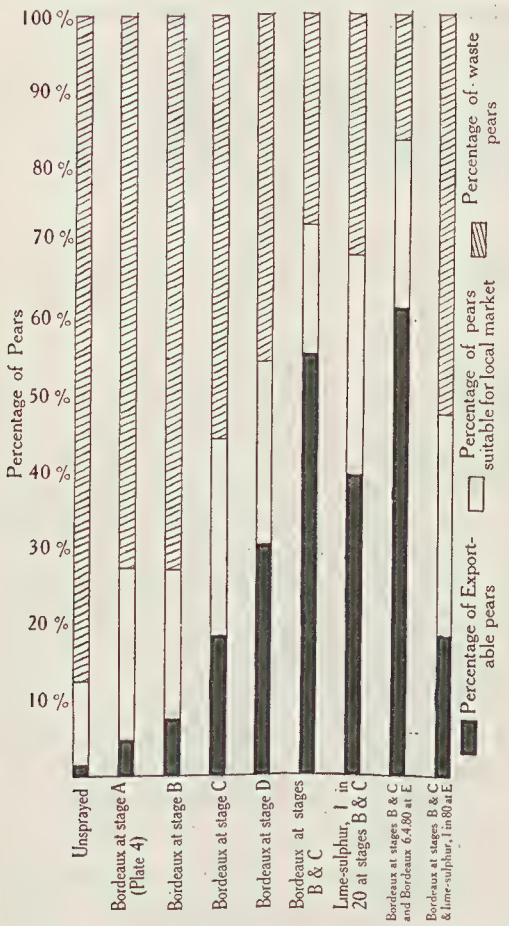
(A) The bud swell stage; (B) Young folded leaves just protruding from the bud; (C) Young folded leaves have separated from unopened blossom bud; (D) White bud stage; (E) About three weeks after setting.

observations showed that there was a close correlation between the amount of spring spotting and the amount of summer spotting. Even slight differences in the percentage of spotting on trees in the spring showed wider differences in the amount of spot which developed in the pears in the summer. It is this spotting on the pears during the summer which causes the orchardist grave concern by reducing considerably, in a very short time, the percentage of his exportable pears.

Where secondary infections are produced on the fruit during the summer it is generally noticed that an old dried spring spot is present on the pear (Plate 1), and that the spot is showing a fresh fungus growth around the margin of the old spot. In some instances, summer spots are produced on pears which are not showing old spring spots. In such cases the spores necessary for infection are washed down from spots higher up the tree. Rain is a more important factor than wind in spreading the spores for these secondary infections. The spores are loosened very readily from a black spot in a drop of water, whereas even in a draft of air of high velocity the spores remain attached to the surface of the spots.

In the light of this information it can be seen that the problem of the control of Summer Spot is bound up intimately with the control of the spring spotting.

Last season experiments directed at the control of the summer spot infection were initiated at Doncaster. Four varieties of pears very susceptible to the summer spot were included in the work. These were Packham's Triumph, Williams' Bon Cretian, Buerre Bosc, and Winter Nelis. The work was designed to obtain information on the relation of preblossom spraying to summer spot development on this fruit, and also to determine the effect of a fruit protection spraying in relation to this late infection. The two fungicidal sprays used were Bordeaux Mixture and Lime Sulphur. A single preblossom spraying with Bordeaux Mixture (6.4.40) was given firstly at the bud movement stage, secondly as the young folded leaves were protruding from the bud,


100 %
90 %
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20 %
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Percentage of Pears
Percentage of waste pears
Percentage of pears suitable for local market
Percentage of Export-able pears
Unsprayed
Bordeaux at stage A (Plate 4)
Bordeaux at stage B
Bordeaux at stage C
Bordeaux at stage D
Bordeaux at stages B & C
Lime-sulphur, 1 in 20 at stages B & C
Bordeaux at stages B & C and Bordeaux 6.4.80 at E
Bordeaux at stages B & C & lime-sulphur, 1 in 80 at E

Fig. 2.—Graph showing the percentage of exportable William's Bon Cretian pears from each of the spraying schedules. (Plate 4).

thirdly when the young folded leaves were well separated from the unopened green flower buds, and fourthly just when the flower buds were showing white. The results showed that the controlling effect of the single Bordeaux spray increased in a general way the later the spray was applied. However, where it was given at the stage where the buds were showing the white petals a rather severe russet occurred on the young pears later. With each of these treatments summer spot developed in the pears, and there was a close correlation between summer spot development and the amount of spot which had developed in early spring.

Two preblossom stage sprayings with Bordeaux Mixture (6.4.40) and two with Lime Sulphur (1-20) applied just as the young folded leaves were protruding from the bud and again when the young folded leaves were well separated from the unopened blossom bud, showed a distinct difference in their controlling effect on spring spot, while the differences which occurred later in the summer were very marked. Lime Sulphur was not so effective as Bordeaux Mixture. Where, however, the two preblossom Bordeaux sprays (6.4.40) were applied as mentioned, and this was followed by a half strength Bordeaux Mixture when the fruit had set, no summer spot occurred, any spots present being old early spring spots. Where lime-sulphur, 1 in 80, was applied as a fruit cover spray, following the two preblossom Bordeaux sprays, summer spot developed. This evidence shows the importance of two preblossom sprays and a fruit cover spraying in

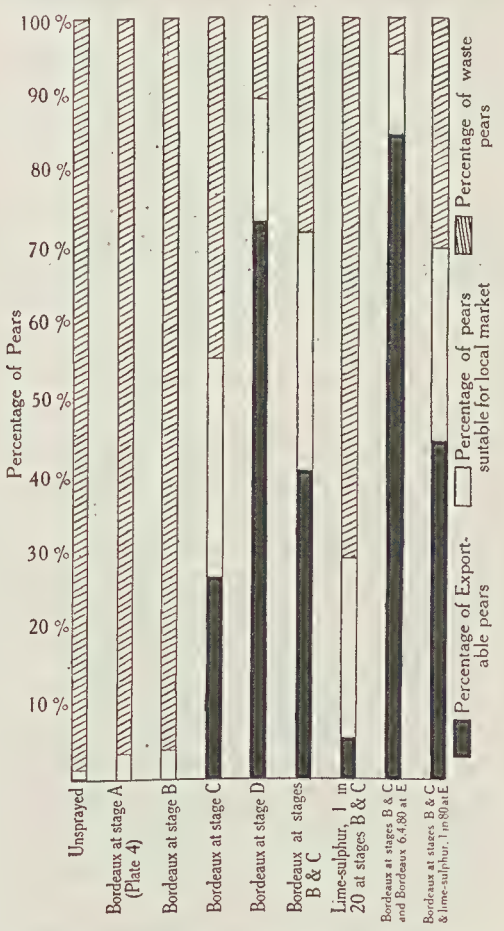

100 %
90 %
80 %
70 %
60 %
50 %
40 %
30 %
20 %
10 %
Percentage of Pears
Percentage of waste pears
Percentage of pears suitable for local market
Percentage of Export-able pears
Unsprayed
Bordeaux at stage A (Plate 4)
Bordeaux at stage B
Bordeaux at stage C
Bordeaux at stage D
Bordeaux at stages B & C
Lime-sulphur, 1 in 20 at stages B & C
Bordeaux at stages B & C and Bordeaux 6.4.80 at E
Bordeaux at stages B & C & lime-sulphur, 1 in 80 at E

Fig. 3.—Graph showing the percentage of exportable Buerre Bosc pears from each of the spraying schedules (Plate 4).

preventing the development of summer spot on pears, and that Bordeaux Mixture is a more effective spray than Lime Sulphur.

Pears are sensitive to spray injury, but it was found that Bordeaux Mixture (6.4.40) could be applied just as the young folded leaves were protruding, and again as the folded leaves were well separated from the unopened blossom bud without causing any injury to Williams, Packhams, Nelis, and Bosc. The half-strength Bordeaux Mixture spraying produced some russet on all of these varieties, but this did not preclude their inclusion in the standard grade suitable for export.

Camperdown Pasture Trials

(*Continued from page* 428).

plot. New Zealand Akaroa cocksfoot (certified) also occupies about 20 per cent. of the ground, and is well distributed throughout the plot. Unfortunately a patchy germination occurred in the section sown to New Zealand cocksfoot (uncertified), but the mixture with rye-grass is satisfactory where a strike did take place.

With the possible exception of the Danish strain, the cocksfoots so far have shown satisfactory persistence in company with rye-grass under the prevailing soil and climatic conditions of the trial. It has been noted also that sheep single out the cocksfoot plants for grazing, and may punish them severely by constant nipping.

The white clover strains sown on the same plot (No. 6) have all been effectively suppressed by the rye-grass, and are present in traces only.

Plot No. 7 was not sown, but was allowed to revert to volunteer plants. In the first season it was occupied by winter grass—the late sowing apparently giving escape from capeweed, the usual first occupant of idle land in the Western District. During the next autumn, however, capeweed took complete possession, and grew 15 inches high. This season seedlings are again plentiful, but seedlings of subterranean clover, fog-grass, and goose-grass also are numerous. The weedy condition of this plot is in marked contrast to the clean swards where perennial rye-grass has persisted.

The following summary of observations on the Camperdown experimental field is given:—

Victorian perennial rye-grass and New Zealand perennial rye-grass (certified) have each formed a satisfactory and persistent award.

Irish perennial rye-grass failed after a fairly severe summer in the second year.

South Island rye-grass (New Zealand uncertified) gave rapid and succulent growth in the first season. It has since died out almost completely.

White clover failed in competition with dense swards of perennial rye-grass, but succeeded fairly well where rye-grass failed to germinate.

Phalaris tuberosa gives hopeful signs of becoming permanently established in competition with rye-grass. Its inclusion in a mixture is expensive.

Meadow Foxtail was not successful. (It is known, however, to be more adapted to moist and rather low-lying situations.)

Cocksfoot succeeded in competition with rye-grass, and is palatable to sheep.

The late sowing in June, 1931, apparently gave a way of escape from capeweed, which often partly spoils early sown pastures in the Western District.

Perennial rye-grass excludes weeds very successfully.

Other trials have been established on Messrs. Errey Brothers' property, including further trials of strains and species, and of the effect of cover crops on the establishment of a pasture.

The results of the strain trials are in accordance with those stated above. The species trials, and also the cover crop trials, will be allowed to advance further before a report on the results is made.

Entero-Toxaemia in Sheep

Nature of the Disease

By R. N. Johnstone, B.V.Sc.

IN recent years much attention has been paid to diseases of sheep, and, as a result, it has been learned that many of the outbreaks of what was once termed Braxy-like disease are, in fact, manifestations of quite different diseases, such as black disease (infectious necrotic hepatitis), which is due to an organism producing its poison in the liver tissues destroyed by the immature fluke in its journey toward a bile duct; or entero-toxaemia, which is due to the absorption of poison produced by a quite different organism in the small intestines.

Entero-toxaemia has been discovered in every State in Australia except Queensland and in New Zealand. It was first noticed in Western Australia in 1915 in the Beverley-York district, and became known as the Beverley disease. It at first appeared to be confined to one or two properties, but soon made its appearance over a wider area, and quickly began to assume serious proportions. Various theories were held as to its cause, and investigations were carried out on behalf of the Western Australian Government without conclusive results. In 1925, Dr. Bennetts, Veterinary Pathologist to the Western Australian Department of Agriculture, commenced his investigations into this disease, and we are indebted to him for its solution, for the excellent description of the disease, and for his researches published in Bulletin No. 57 by the Council for Scientific and Industrial Research. He found that it then existed in the south-west portion of the State, covering an area bounded on the east and west by the lines of settlement, and extending, roughly, 380 miles north and south. Its incidence is greatest in the richest and oldest cultivated areas of the State, where top-dressing has been practised, and the growth of improved pasture encouraged. The mortality varies considerably from year to year both as regards the districts and the individual properties. Losses commence with the appearance of green feed after the autumn rains, and continue until the dry weather sets in.

Entero-toxaemia affects principally young sheep aged from two months onwards, which are on rich feed, and in good condition. Cases occasionally do occur, however, in aged or store sheep. All breeds may develop the disease, although those which put on condition more rapidly, such as long-wools or cross-breds, appear to be more susceptible or more frequently affected. The fact that these breeds are commonly kept on the more nutritious pastures may, however, have some bearing on their apparent greater susceptibility which, by the way, is not influenced by sex, as rams, ewes, or wethers may develop the disease.

Symptoms.

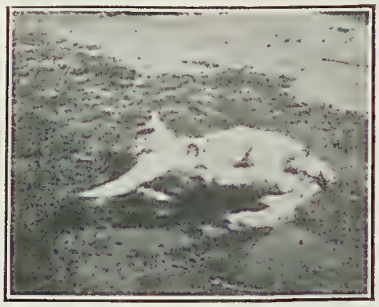
Sheep which develop the disease die very suddenly, and as owners very rarely see a sick sheep, the symptoms consequently are not well known. The sheep are found dead on the camp in the morning, or they may lie down quietly and die in the paddocks during the daytime without attracting notice. Two types of symptoms have been observed and described by Dr. Bennetts; one characterized by coma and quiet death, the other by convulsions. He states that in the first type there is an initial stage characterized by a staggering gait with "knuckling over" of fore limbs. The sheep moves about with nose to the ground, chewing dirt, sticks, &c., and soon lies down on its side with its head turned to the left flank. In this stage it remains quiet, unless disturbed, when there may be attempts to rise, perhaps actual movement for a short distance before again lying down. Salivation and champing of the jaws are common, and there may be evidence of hyper-sensitiveness, particularly in the region of the flanks.

Blindness and unconsciousness soon follow, and the respiration becomes accelerated (up to 180 per minute), shallow, and irregular. Bloating may become marked before death. The temperature usually remains normal, although a rise to 106° F. was observed in one case. Death takes place quietly, usually three to four hours after the appearance of symptoms, although in rare cases it may be delayed for 24 hours.

Sheep affected with infectious entero-toxaemia (comatose type)—half-hour before death.

In the other type of symptoms, the animal, only slightly dull, is suddenly seized with convulsions. Lying on its side, it exhibits, almost up to the point of death, more or less violent galloping movements, associated with twitching of muscles, rolling of eyes, grinding of teeth, excessive salivation, and later, pronounced rigidity of the body, in which the head is thrown back and the spine arched. Death occurs usually within two to four hours.

The convulsive symptoms type is the more uncommon, and is seen in lambs more frequently than in adult sheep.



Sheep affected with the convulsive type of entero-toxaemia—one hour before death.

In this disease there is some evidence of a period of incubation. If an affected flock be moved from the pasture on which deaths are occurring, to a poorer pasture, a few deaths may be noted up to the second, rarely up to the fifth day, after which no further losses are experienced. The carcass is almost invariably found on post-mortem examination to be that of a well-nourished animal. Almost all cases show evidence of recent scouring. Seen immediately after death, the blood vessels under the skin may be slightly injected, while those of the mesentery or skirt of the bowels are markedly so. The first three stomachs appear normal, except that the rumen may contain gas, and the food content is rather liquid. The fourth stomach is injected on its outer surface, and the inner lining may show a few patches of slight congestion.

The small intestines usually contain more gas and less food than those of the normal sheep, and the inner lung shows scattered areas of congestion. The large intestines are usually normal, although patches of congestion sometimes occur in the caecum. The mesenteric lymph glands are frequently slightly congested and oedematous, while the liver is congested and easily broken down. The gall bladder is distended with thick dark bile, and the kidneys show slight congestion, particularly toward the outer border. Post-mortem degeneration occurs very early, "pulpy kidney" being found in carcasses opened even one hour after death. This fact led to the disease being called pulpy kidney in Victoria and New Zealand, where it was considered to be due to feeding on over-rich pasture.

All other organs are normal or show only very slight changes. It has been frequently noted that where viscera, such as the heart, liver, or kidney are left on dishes exposed to air for an hour or so after removal, those parts showed a bright red colour. The explanation of this phenomenon is not clear. Careful microscopic examination of all organs and tissues revealed nothing diagnostic, but a micro-organism was found to be constantly present on the inner lining of the fourth stomach and the small intestine.

Attempts to cultivate micro-organisms from the various tissues, using a variety of culture media were generally negative, and in 1926 Bennetts suggested that the disease might be due to the absorption of poisons formed by micro-organisms in the stomach or small intestine, and subsequently proved this theory to be correct. The contents of the small intestine of sixteen affected sheep were passed through filters which removed all micro-organisms, and a small dose of each filtrate

was then injected into a guinea pig. In fourteen cases the death of the experimental animal occurred. Filtrates from the intestine of normal sheep were also tested, and did not cause the death of the experimental animal even when used in much larger doses. Cultures of the micro-organism were grown, and after considerable difficulty a method was perfected by which the toxine or poison could be secured from cultures of these bacteria, which was subsequently named by Bennetts bacillus ovitoxicus.

Experimental sheep, inoculated with toxine prepared from cultures or from the intestinal contents of affected sheep, died after showing symptoms exactly similar to those observed in the field. Attempts to infect sheep by feeding them with cultures of the bacillus failed, until a method of inducing bowel stasis, by the administration of opium and belladonna in milk at the time of feeding the culture was evolved. Using this method, four out of six sheep dosed developed the disease and died. It would appear, therefore, that a sluggishness of the small bowel is a factor of prime importance in the development of the disease. Fibre is essential to bowel activity, and its absence in luscious green pasture may explain why the disease is more common on green pasture, and why feeding on dry feed which is rich in fibre acts as a preventive, as does compulsory daily exercise. Injury to the lining membrane of the bowel may also be a predisposing factor. The disease has occurred on properties heavily infested with stinkwort, the hairs of which cause bowel irritation.

Prevention.

Dr. Bennetts has prepared a vaccine for this disease which has proved effective on many infected properties. Supplies of this vaccine are now prepared by the Commonwealth Serum Laboratories. Vaccination has been carried out on several infected flocks in Victoria this year, and although it is too early to draw definite conclusions as to the results achieved, they are very satisfactory so far. Meanwhile, farmers whose flocks become affected should give their sheep compulsory exercise by driving quietly for several miles daily, or place them on pasture containing a proportion of dry grass or feed hay or straw, to supply the necessary fibre for bowel stimulus. A plentiful supply of the lick recommended by the Department of Agriculture should always be available for the sheep. In order to prevent the spread of the disease and the infection of the soil, carcasses of sheep should be burned where found if possible or buried deeply in quicklime.

A Sheep experimentally infected with entero-toxaemia—four hours prior to death.

[Blocks by courtesy of the Council for Scientific and Industrial Research.]

Botulism in Sheep

Notes by R. N. Wardle, B.V.Sc.

DURING recent weeks several sheep owners have reported deaths in their flocks which, on investigation, have proved to be due to a poison developed by certain microbes in decaying vegetable material. The microbe responsible is known as the *Bacillus botulinum,* and the disease as Botulism, or Para-botulism.

Information on this subject as affecting horses and cattle was published in the July, 1932, and May, 1933, issues of this journal.

The same poison-producing microbe is responsible in all cases, but certain conditions arise that bring the disease under notice in each species of animal at certain seasons and times of the year. For instance, many horses contracted the disease in the autumn and winter last year, during and after the mouse plague. Cattle were affected during the summer and long dry autumn just past, and more recently cases in sheep flocks are causing loss and worry to the sheep-owner. Instances of botulism in sheep have been reported and investigated by veterinary officers of the Department in the districts north and west of Bendigo, and in the Kerang district.

Whereas, in general, horses contract the disease from eating affected hay and chaff, cattle from their habit of chewing bones, and sheep from their close to the ground grazing, all classes of animals may be affected in any one of the three ways mentioned, except that, in Victoria, horses and sheep do not, as a rule, chew bones.

The trouble in sheep this year has occurred only since the beginning of May, and would seem to coincide with the first showers of rain for the season.

In almost every instance reported, the sheep were depastured on long stubble which had been kept for late autumn and winter feeding, and after a short time of occupation by the sheep, much of this straw had been trampled down. The light rains caused decomposition or rotting of the underneath mat of this straw, and, with other factors operating, and the presence of the microbe in the soil or dust, conditions have become suitable for the development of the microbic poison.

At the same time the rain caused the grass and weeds to germinate, and the sheep in searching around for green picking came in contact with this decaying vegetation, and so ingested varying amounts of the poison. To a lesser degree paddocks of tussocky native grasses were responsible for outbreaks; in these the same conditions operated.

The symptoms are fairly constant, and sheep of any age, sex, or condition grazing together may be affected. An affected sheep is noticed somewhat removed from the flock. Closer examination reveals it to be either not eating at all or else only "picking," with an apparent inability to masticate and swallow. Pieces of straw may be seen hanging from the lips.

Often it is noticed that the sheep is at the waterhole with its head down to the water, yet unable to drink. This causes some owners to express the opinion that the affected sheep have sore throats. It has been noticed also that there is a watery discharge from the nostrils.

There is a stiffness in the gait, a reluctance to move with the flock, and a most marked falling away in condition, the hindquarters appearing to have lightened off considerably; the flanks are hollow, and the ribs flattened, giving the sheep a narrow appearance.

Such symptoms may last for several days, and an occasional sheep will gradually recover, but the great majority—the mortality is almost 100 per cent.—become worse, until they go down with a paralysis, when death takes place in from a few hours to one or two days.

An ordinary post-mortem examination in the field does not reveal a great deal. Sometimes there is a collection of food remaining in the back of the mouth; the intestines rarely have much ingesta in them, whereas the paunch and bible contain an average amount, which may be drier than usual. The liver in many cases has been of a yellow colour, and very friable, so much so that it is quite easily broken by slight pressure of the fingers.

(*Continued on page* 450.)

Burnley Egg-Laying Competition

Results of Winter Test

By W. C. Rugg, Chief Poultry Expert

THE winter test, conducted in connexion with the Burnley Egg Laying Competition, covers only the first four months (122 days) of the competition, which commenced on the 1st April. During this four months' period weather conditions were unfavorable to high egg production, and the numerous frosts and fogs experienced during June and July precluded the making of any new records. Despite the unfavorable conditions, however, the results put up by the principal utility breeds were very satisfactory.

The highest score in the test for teams of six birds was made by a very even team of Australorps, bred and owned by Mr. S. E. Barker, of Woodend. In the 122 days of the test these birds laid 467 first grade eggs. The wet-mash section for White Leghorns was won by a team owned by Mr. W. Bastin, of South Caulfield, the birds laying 382 eggs, while Mr. J. L. Edgcumbe's team of White Leghorns won the dry-mash section with a total of 376 eggs. The best team of Rhode Island Reds was that of Mr. Farrin-Webb.

Certificates for the highest scores made by individual birds in the teams' test (light breeds) were won by Mrs. Occleshaw's White Leghorn, first, with 98 first-grade eggs, and Mr. T. A. Mentiplay's White Leghorn, second, with 93 first-grade eggs. In the heavy breeds section, Mr. R. G. Wilson's Australorp was first with 102 eggs, and Mr. T. J. Mannion's Australorp second with 98 eggs.

In the section for single birds, the best score (106 eggs) was made by an Australorp owned by Mrs. M. Wekwerth, of Canterbury. Competition in the wet-mash section for White Leghorns (individual birds), was very close, the veteran breeder, Mr. G. McDonnell, of East Kew, winning with a pullet that laid 98 eggs, three other pullets tying for second place with 96 eggs each. The same breeder won the dry-mash section also.

A summary of the leading scores is appended:—

SECTION A.—TEAMS OF SIX BIRDS, TRAP NESTED.

Competitor.	Total First Grade Eggs.	Competitor.	Total First Grade Eggs.
Class 1.—White Leghorns—Wet Mash.			
W. Bastin ..	382	T. A. Mentiplay	363
H. I. Jolly ..	342	M. G. Occleshaw	340
Class 2.—White Leghorns—Dry Mash.			
J. L. Edgcumbe ..	376	H. Mitchell ...	340
W. E. Molson ..	335	Squirrell Bros. ..	311
Class 3.—Light Breeds other than White Leghorns—Wet Mash.			
D. Granter ..	166	Sorrento Poultry Farm	84
Class 4.—Australorps (Australian Black Orpingtons)—Wet Mash.			
S. E. R. Barker ..	467	Enidville Stud Farm	441
H. J. Hulme ..	402	T. J. Mannion ..	390

Section A.—Teams of Six Birds, Trap Nested—*continued.*

Competitor.	Total First Grade Eggs.	Competitor.	Total First Grade Eggs.
Class 5.—Rhode Islands—Wet Mash.			
Farrin-Webb ..	326	W. Donovan ..	306
J. Wrathall ..	251	R. R. Christie ..	258
Class 6.—Heavy Breeds other than Australorps and Rhode Islands—Wet Mash.			
M. G. Leech ..	168	L. S. Leech ..	61

SECTION B.—INDIVIDUAL BIRDS, SINGLE TEST

Competitor.	Total First Grade Eggs.	Competitor.	Total First Grade Eggs.
Class 1.—White Leghorns—Wet Mash.			
G. McDonnell ..	98	F. Robson ..	96
C. C. Phillips ..	96	A. Siede and Sons	96
Class 2.—White Leghorns—Dry Mash.			
G. McDonnell ..	98	Mrs. G. M. Jones	93
H. I. Jolly ..	91	Mrs. W. J. Halliday	90
Mrs. W. J. Halliday	90		
Class 3.—Brown Leghorns—Wet Mash.			
Granter Bros. ..	43	Granter Bros. ..	42
D. Granter ..	43	C. R. Jones ..	33
Class 4.—Light Breeds other than White Leghorns and Brown Leghorns.—Wet Mash.			
J. B. Salmond ..	72	Sorrento Poultry Farm	58
R. Hart ..	50	J. B. Salmond ..	48
Class 5.—Australorps (Australian Black Orpingtons)—Wet Mash.			
Mrs. M. Wekwerth	106	J. A. Naylor ..	98
F. G. Julyan ..	95	A. Siede and Sons	95
Class 6.—Rhode Islands—Wet Mash.			
Farrin-Webb ..	90	G. D. Lockhart ..	87
G. E. Rees ..	87	R. R. Christie ..	80

Section B.—Individual Birds, Single Test—*continued.*

Competitor.	Total First Grade Eggs.	Competitor.	Total First Grade Eggs.
Class 7.—Heavy Breeds other than Australorps and Rhode Islands—Wet Mash.			
G. J. White ..	79	D. Granter ..	69
Mrs. J. G. McKay	52	"Shawville" ..	48

DUCKS.

In the competition for ducks the Khaki Campbell breed again proved most successful. The teams' test was won by six birds from the Broadleigh Egg Farm, which laid 596 eggs, an average of over 99 first grade eggs per duck. In the section for single ducks, Mr. H. H. Lloyd, of Frankston, scored an easy win with a bird that laid 116 eggs, having missed laying on only six of the 122 days it had been under test.

The highest individual score in the teams' test was put up by one of Mr. Lloyd's Khaki Campbells, which laid 118 eggs, the second highest being Mr. R. A. Johnson's Indian Runner, which laid 117 eggs.

The leading scores are summarized below:—

Competitor.	Total First Grade Eggs.	Competitor.	Total First Grade Eggs.
Section A.—Teams of Six Birds—Single Test.			
Broadleigh Egg Farm	596	H. H. Lloyd ..	563
		M. G. Leech ..	349
R. A. Johnson ..	458		
Section B.—Individual Birds—Single Test.			
H. H. Lloyd ..	116	Broadleigh Egg Farm	104
H. H. Lloyd ..	84	Broadleigh Egg Farm	76

Orchard and Garden Notes

By Edward E. Pescott, F.L.S.

The Chrysanthemum.

The Flower Garden.

THE sowing of seeds of summer flowering annuals will be one of the principal activities of gardeners this month. The seed should be sown in open beds exposed to the sun, using a very light sandy soil. The light soil renders more easy the transplanting of the young seedlings. Before sowing, the soil should be loosely stirred, so that the seed shall be well mixed with the surface soil, care being taken that it is not buried deeply. After sowing, take some old stable manure, or old leaves, and break into particles by rubbing with the hands. Cover the seed bed lightly with this material.

The following seeds may be sown:—Phlox, Aster, Balsam, Delphinium, Zinnia, Salvia, Variegated Maize, Celosia, Didiscus, Kochia, Petunia, Sunflower, Dahlia, Chrysanthemum, Portulaca.

English grass lawns may now be top-dressed, but it is advisable not to top-dress buffalo grass lawns until next month. In heavy soils, light sand should be used for top-dressing; in light soils, a good loamy sand or old manure.

All herbaceous plants such as Canna, Delphinium, Perennial Phlox, Chrysanthemum, and Sunflower should be lifted, the crowns broken up into smaller pieces, and planted back in the garden in a very well manured soil.

The Vegetable Garden.

It is time to sow seeds of tomato, French and broad beans, peas, lettuce, radish, cress, mustard, melons, marrows, cucumbers, choko, sweet corn, Cape gooseberry, parsley, capsicum, and egg plant.

Many inquiries have been made regarding the growing of the choko. This vegetable may be grown as far south as Melbourne; but being a semi-tropical vegetable, it cannot be relied upon to give regular crops every year. The choko should be planted in very rich soil, and in a place where it can climb freely. It should face the north, and should be protected from the cold south winds. It requires ample water in summer.

When sowing seeds of beans and peas, sprinkle a small quantity of lime over the seeds in the furrows before covering over. This serves as a check on all soil pests, and in addition is beneficial to the plants, which are definite lime lovers.

Rhubarb and asparagus beds should be well top-dressed with manure. In sunny, windy, or dry weather the beds should be well watered.

In sowing parsley seed, sow it thinly in the bed where it is to be permanently located. This will give a crop of autumn and winter foliage when the autumn sown plants have gone to seed.

Melon, marrow and cucumber plants should be planted in very rich soil.

The Orchard.

As soon as the petals fall, apple and pear trees should be sprayed for codling moth. The first two calyx sprays should be of arsenate of lead. Subsequent sprays may be of white oil or white oil and arsenate of lead, used alternately. An excess of arsenical spray will result in the necessity for washing of fruit at the end of the season, and this should be avoided wherever possible. The use of white oil will assist in this work.

It is recommended that a trial be made of the chemically treated corrugated paper bands. Wherever tried, these bands have given very satisfactory results, in many cases giving a 100 per cent. kill. A formula for the making of these bands is in the hands of all orchard supervisors, or on application to the Department will be forwarded direct to growers.

Lures alone should not be relied upon to effect control over the codling moth, but they have proved very useful in giving an indication of when the broods appear, and in this way the orchardists may obtain an idea of the most suitable time to spray.

For black spot in apple and pear, lime sulphur in the proportion of 3 in 80 should be sprayed in the "green bud" stage; and the same spray 2 in 80 at petal fall. Another spray of 1½ in 80 may be given a fortnight later. Lime sulphur may be added to the arsenate of lead spray, using for the first spray only. This combination attacks both codling moth and black spot.

For leaf curl of peach, the trees should be sprayed with bordeaux mixture when in the pink bud stage.

Botulism in Sheep

(Continued from page 446.)

Treatment.

Where affected sheep are able to swallow, a purgative drench of Epsom salts may be given, but otherwise drenching will only hasten death.

Control methods would consist in removing the sheep from the infected paddock to a fresh pasture, and whilst it is now too late to burn stubble, it is considered that when the grass has grown more, so that there will not be the same tendency for the sheep to graze so close, the paddock will be reasonably safe for re-stocking. Cultivating, of course, would be a safeguard.

In our opinion, straw as a fodder is conserved in a better manner in a stack than left standing in the field, and if this were carried out, or if the long stubble were burned before the autumn rains, many of these outbreaks would be avoided.

Some outbreaks this season may be due to the feeding of mouse damaged or mouldy hay left over from last season, and this factor must be considered where hand feeding has been in progress, but in our experience during the last few weeks the hay has been given a "clean bill," whilst the conditions described here in relation to stubble paddocks have operated in each instance.

Standard Herd Records

For Quarter Ended 30th June, 1933

In the following is set out the records of all cows which completed a lactation during the quarter. The number is 1356, of which 1117 qualified for the certificate. The figure in brackets after the owner's name shows the number of entries that qualified for the certificate.

The amount of butter fat required for qualification varies according to the age of the animal (up to 5 years at time of calving), the standards being as follow :—

Junior 2 year old (under 2½ years at time of calving)	230 lb. butter fat.
Senior 2 year old (between 2½ and 3 years at time of calving)	250 lb. butter fat.
Junior 3 year old (between 3 and 3½ years at time of calving)	270 lb. butter fat.
Senior 3 year old (between 3½ and 4 years at time of calving)	290 lb. butter fat.
Junior 4 year old (between 4 and 4½ years at time of calving)	310 lb. butter fat.
Senior 4 year old (between 4½ and 5 years at time of calving)	330 lb. butter fat.
Mature cow 5 years and over	350 lb. butter fat.

(Except where otherwise stated, the period of Test was 273 days.)

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Allen, A., Tynong, Jersey (1).											
Sea Shell of Hazeldale ..	13758	22.7.32	7½	6,068	5·71	346·21	350	Mature ..		480, 359, 462, 419, 379	Dinkum of Banyule
Hazeldale Rare Gal 2nd	33505	29.7.32	8½	4,826	5·50	265·31	290	Sr. 3 ..		264	Dinkum of Banyule
Hazeldale Pearl 2nd ..	29122	10.8.32	8	5,157	5·19	267·41	330	Sr. 4 ..		200, 239 ..	Lord Mannikin of Hazeldale
*Wompini Merry Lass ..	38264	18.9.32	4	5,610	4·97	278·99	270	Jr. 3 ..		289 ..	Werribee Masterman
Allen, F. de Vere, Toora, Jersey (5).											
Charm of Blackwood Valley	17420	27.7.32	17	8,164	5·50	448·85	350	Mature ..		250, 341, 378, 362, 430, 452	Woodruff Admiral
Tooravale Starleigh 2nd	23193	27.7.32	12	7,883	6·15	485·00	350	Mature ..		303, 405, 427, 485, 437	Welkin of Melrose
Coree Bluebell 3rd ..	C.R.	4.8.32	13½	5,547	4·48	248·72	230	Jr. 2 ..		.. ..	Maudbank Hero
†Wood Bell ..	36773	4.8.32	..	5,550	5·84	324·11	250	Sr. 2 ..		296 ..	Blackwood Valley Skim
Wood Queenie ..	28593	23.8.32	8	4,494	6·15	276·49	290	Sr. 3 ..		.. ..	Blackwood Valley Skim
‡Wood Gem	36774	9.9.32	..	4,560	5·45	248·58	230	Jr. 2 ..		.. ..	Blackwood Valley Skim
Allwood, A., Stanhope, Friesian (6).											
Tarrangower Sophie Oak	C.R.	29.7.32	18	6,807	3·77	256·53	230	Jr. 2 ..		.. ..	Greenvale Ebony Oak
Tarrangower Jessica Oak	C.R.	1.8.32	28	12,008	3·48	417·85	250	Sr. 2 ..		341 ..	Greenvale Ebony Oak
Tarrangower Dainty Oak	Vol. 12	8.8.32	22½	10,563	3·39	358·26	250	Sr. 2 ..		306 ..	Greenvale Ebony Oak
Greenvale Oakwood Empress 2nd	3487	10.8.32	26½	11,528	3·50	403·67	310	Jr. 4 ..		302, 355 ..	Dominion Oakwood
Tarrangower Empress Paxton 2nd	C.R.	26.8.32	20½	8,657	3·49	302·22	230	Jr. 2 ..		.. ..	Lydholm Segis Paxton
Tarrangower Cora	App. 4 Vol. 11	24.9.32	25½	9,287	3·47	322·70	270	Jr. 3 ..		.. ..	Innisvale Bull
Alston, N. B., Romsey, Jersey (15).											
Rosyth Beauty's Queen ..	36778	12.7.32	14	5,685	5·56	315·98	250	Sr. 2 ..		254 ..	Lord 2nd of Brucevale
Rosyth Golden Duchess	28371	3.8.32	11½	6,465	5·97	386·12	330	Sr. 4 ..		326, 206, 383	Lord 2nd of Brucevale
Rosyth Princess Rose 2nd	32878	7.8.32	10½	6,926	5·08	351·54	270	Jr. 3 ..		295 ..	Lord 2nd of Brucevale
Rosyth Lady Daffodil ..	32873	7.8.32	13	8,339	5·22	435·20	330	Sr. 4 ..		307, 340 ..	Lord 2nd of Brucevale
Rosyth Noble Duchess ..	Vol. 20	8.8.32	10	5,415	5·73	310·42	230	Jr. 2 ..		.. ..	Aveley Antony
Rosyth Bonnie Lassie ..	32871	17.8.32	13	7,077	5·56	393·47	290	Sr. 3 ..		295, 350 ..	Lord 2nd of Brucevale
Rosyth Lady Magnet ..	32874	18.8.32	15	7,509	5·40	405·83	290	Sr. 3 ..		286, 309 ..	Lord 2nd of Brucevale
Rosyth Daffodil ..	Vol. 20	2.9.32	11	5,033	5·07	255·05	230	Jr. 2 ..		.. ..	Aveley Antony
Rosyth Banksia Bonnie ..	Vol. 20	5.9.32	7	5,202	5·55	288·96	230	Jr. 2 ..		.. ..	Aveley Antony
Jessie's Dream of Esperanza	17388	6.9.32	14	7,313	5·06	370·35	350	Mature ..		387, 375, 437	Velvet Chief of Banyule
Rosyth Velveteen ..	Vol. 20	6.9.32	14	5,112	4·76	243·49	230	Jr. 2 ..		.. ..	Rosyth Cream Socks
Rosyth Midget ..	Vol. 20	10.9.32	9½	4,985	5·61	279·35	230	Jr. 2 ..		.. ..	Lord 2nd of Brucevale
Rosyth Romany Lass ..	Vol. 20	12.9.32	7½	5,273	5·83	307·18	230	Jr. 2 ..		.. ..	Aveley Antony
Rosyth Princess Rose ..	28372	14.9.32	15½	9,084	5·32	482·90	330	Sr. 4 ..		363, 408, 367	Rosyth Cream Socks
*Rosyth Lady Rose ..	26378	15.9.32	4	6,660	5·51	366·96	350	Mature ..		305, 375, 378, 359	Lord 2nd of Brucevale
Anderson, J., Lyndhurst, Jersey (1).											
§King's Vale Brunette 24th	25714	18.7.32	..	5,670	5·99	339·83	330	Sr. 4 ..		244, 347, 352	Linda 52nds Imperial 2nd of King's Vale

* 240 days in test. † 258 days in test. ‡ 210 days in test. § 210 days herd withdrawn.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Archibald, L. R., Tongala, Jersey (13)											
Carinya Goldfinch ..	36807	3.7.32	12½	6,282	5·57	349·80	230	Jr.2	..	.. ..	Ballara Guy's Masterpiece
Mayfield Park Lady Betty	24216	8.7.32	14½	7,212	6·34	457·18	350	Mature	..	243,337, 432	Ginger Meggs of Warenda
Mayfield Park Lady Monica 3rd	22930	17.7.32	17	6,010	6·39	384·11	350	Mature	..	270, 321, 393, 394	Ginger Meggs of Warenda
Mayfield Park Lady Monica 4th	25726	20.7.32	15	6,391	6·60	421·69	310	Jr. 4	..	298, 432 ..	Ginger Meggs of Warenda
Carinya Buttercup ..	36804	21.7.32	13	5,231	5·30	277·32	230	Jr.2	..	.. ..	Ballara Guy's Masterpiece
Lady Monica 2nd of Mayfield Park	21093	27.7.32	12½	6,097	5·81	353·94	350	Mature	..	258, 293, 303, 380	Joker of Bignold
Mayfield Park Daisy 3rd	25724	29.7.32	21	8,650	5·86	506·77	310	Jr. 4	..	304, 375 ..	Ginger Meggs of Warenda
Mayfield Park Lady Patricia	28388	1.8.32	18	5,413	5·96	322·37	270	Jr. 3	..	255, 276 ..	Sundance Alloy
Coral of Moyaver ..	21679	6.8.32	12	7,172	5·10	365·58	350	Mature	..	401, 391, 385	Mystery 12ths Lord Grey of Linden
Carinya Gaiety ..	36806	12.8.32	12	4,223	5·52	233·12	230	Jr.2	..	.. ..	Ballara Guy's Masterpiece
Mayfield Park Lady Gay	28387	12.8.32	12½	6,204	5·82	361·12	270	Jr. 3	..	187, 300 ..	Sundance Alloy
Mayfield Park Lady Helen	25725	14.8.32	17	5,924	6·45	382·16	310	Jr. 4	..	248, 308, 374	Ginger Meggs of Warenda
Carinya Cinnamon ..	36805	20.8.32	11½	4,495	5·90	265·23	230	Jr.2	..	.. ..	Wompini Metal Master
Armstrong, W. J., Somerville, Jersey (4).											
Glenmavis Dora ..	32000	7.7.32	14½	7,553	5·46	412·14	250	Sr.2	..	295 ..	Banyule Plant
Somerville Wynn ..	23229	10.7.32	20	9,351	4·78	447·00	350	Mature	..	305 ..	His Majesty of Sommerville
Somerville Sunset ..	23227	29.7.32	5½	5,487	6·01	330·03	350	Mature	..	.. ..	His Majesty of Sommerville
Allambie Heroine 5th ..	33780	7.9.32	10	6,776	5·52	373·97	270	Jr. 3	..	.. ..	King of Allambie
Glenone Vanilla ..	C.R.	24.9.32	6½	4,812	6·01	288·99	230	Jr.2	..	.. ..	Glenone Prince
Atherton, W. H., Murraydale, Jersey (7).											
Beverley Quality 4th ..	32898	1.7.32	15	6,171	6·18	381·49	250	Sr.2	..	.. ..	Rosella's Lad of King's Vale
Beverley Rosella ..	25734	12.7.32	16	6,681	5·61	374·63	330	Sr. 4	..	251 ..	Rosella's Lad of King's Vale
Beverley Empress 2nd ..	25731	29.7.32	20½	9,203	5·89	541·82	330	Sr. 4	..	256, 350 ..	Rosella's Lad of King's Vale
Beverley Cream Lassie 6th	36817	4.8.32	15	5,622	6·29	353·36	230	Jr.2	..	.. ..	Banyule Remon
Beverley Tiny's Lass 4th	36819	18.8.32	14½	5,277	6·79	358·49	230	Jr.2	..	.. ..	Banyule Remon
Rarity of Beverley ..	21096	19.8.32	16	8,385	5·17	433·79	350	Mature	..	312, 385, 379	Rosella's Lad of King's Vale
Empress of Beverley ..	18607	13.9.32	25	9,281	5·26	487·99	350	Mature	..	372, 310, 293, 464, 450, 458	Emperor of Beverley
Atkinson, W. K., Swan Hill Dairy, Shorthorn (22).											
Willow Park Camelia 4th	Vol. 1, D.S.H.B.	17.7.32	23½	8,643	4·24	366·61	290	Sr.3	..	291 ..	Willow Park Design
Willow Park Blush ..	Vol. 1, D.S.H.B.	6.8.32	33½	12,530	3·87	484·29	350	Mature	..	320, 368, 478, 494, 565, 515, 398, 416, 497, 517	Havelock of Darbalara
Willow Park Melba 7th ..	Vol. 1, D.S.H.B.	11.8.32	18½	7,140	4·65	331·75	230	Jr.2	..	.. ..	Willow Park Lustre
Willow Park Queenie 8th	Vol. 1, D.S.H.B.	20.8.32	22	10,494	3·88	407·30	350	Mature	..	259, 315, 309, 345, 378, 404	Willow Park Radium
Willow Park Melba 6th ..	Vol. 1, D.S.H.B.	20·8·32	27½	8,574	4·10	351·24	230	Jr.2	..	.. ..	Willow Park Lustre
Willow Park Camelia 7th	Vol. 1, D.S.H.B.	24.8.32	30	9,461	4·51	426·44	230	Jr.2	..	.. ..	Willow Park Design
Willow Park Butterfly 2nd	Vol. 1, D.S.H.B.	2.9.32	19	7,766	4·57	354·63	250	Sr.2	..	.. ..	Havelock of Darbalara
Willow Park Duchess 7th	Vol. 1, D.S.H.B.	2.9.32	25½	9,411	4·60	433·28	350	Mature	..	262, 265, 364, 346, 365	Willow Park Count
Willow Park Damsel 2nd	Vol. 1, D.S.H.B.	3.9.32	22	11,510	4·61	530·66	350	Mature	..	361, 452, 428	Willow Park Reflector
Willow Park Melba 4th ..	Vol. 1, D.S.H.B.	4.9.32	14	8,669	4·17	361·60	330	Sr. 4	..	333, 285 ..	Willow Park Sovereign 2nd
Willow Park Melba 2nd ..	Vol. 1, D.S.H.B.	7.9.32	29½	12,155	4·50	547·19	350	Mature	..	415, 483, 505	Willow Park Count
Willow Park Camelia 6th	Vol. 1, D.S.H.B.	12.9.32	23	7,939	4·51	358·41	250	Sr.2	..	.. ..	William Park Design
Willow Park Dainty 5th..	Vol. 1, D.S.H.B.	14.9.32	24½	8,391	4·46	374·04	230	Jr.2	..	.. ..	Willow Park Banker 2nd
Willow Park Moss Rose ..	Vol. 1, D.S.H.B.	14.9.32	32	14,154	4·10	579·92	350	Mature	..	404, 424, 471, 521, 612, 550	Havelock of Darbalara
Willow Park Moss Rose 3rd	Vol. 1, D.S.H.B.	14.9.32	33	12,132	3·68	446·33	330	Sr. 4	..	361, 355 ..	Willow Park Reflector

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Atkinson, W. K., Swan Hill Dairy, Shorthorn (22)—*continued.*											
*Willow Park Queenie 25th	Vol. 1, D.S.H.B.	15.9.32	..	5,700	4·29	244·38	230	Jr. 2	..	..	Havelock of Darbalara
Willow Park Blush 4th ..	Vol. 1, D.S.H.B.	15.9.32	26	8,783	4·14	363·95	250	Sr. 2	..	..	Willow Park Reflector
Willow Park Duchess 10th	Vol. 1, D.S.H.B.	16.9.32	27	10,232	3·79	388·00	330	Sr. 4	..	253, 360, 366	Willow Park Diamond 2nd
Willow Park Queenie 24th	Vol. 1, D.S.H.B.	17.9.32	17½	7,505	4·64	348·16	250	Sr. 2	..	276	Willow Park Design
Willow Park Fairy 4th ..	Vol. 1, D.S.H.B.	22.9.32	30	10,745	4·26	457·87	270	Jr. 3	..	360	Willow Park Reflector
Willow Park Duchess 5th	Vol. 1, D.S.H.B.	23.9.32	21	10,718	4·04	432·48	350	Mature	..	259, 264, 307, 352, 376, 347	Willow Park Count
Willow Park Melba 8th ..	Vol. 1, D.S.H.B.	24.9.32	19	8,238	4·14	341·20	230	Jr. 2	..	..	Willow Park Banker 2nd
Austin, F., Lara, Jersey (3).											
Avalon Gladstar's Buttercup 2nd	36323	25.7.32	13½	4,977	5·64	280·53	230	Jr. 2	..	..	Avalon Gladstar 2nd
Avalon Noble's Beauty 2nd	28430	4.8.32	22	8,111	6·33	513·41	310	Jr. 4	..	370	Noble of Avalon
Duchess of Avalon ..	18612	23.8.32	25	9,110	5·98	545·11	350	Mature	..	317, 399, 541, 663	Mercedes Chief of Glen Iris
Axford, W. H., Camperdown, Jersey (13).											
Spring Vale Gay Lass ..	28868	24.7.32	15	8,231	5·22	429·36	330	Sr. 4	..	..	Conqueror of Somerville
Leura Patricia 5th ..	25245	1.8.32	15	7,121	6·10	434·45	330	Sr. 4	..	246	Grant of Melrose
Spring Vale Dora ..	25736	2.8.32	21	8,640	5·21	450·20	350	Mature	..	316	Conqueror of Somerville
Leura Beauty 4th ..	25235	3.8.32	10	6,615	5·37	355·02	330	Sr. 4	..	..	Admiral of Leura
Greta of Glenallwyn ..	16604	12.8.32	15	8,171	5·75	469·71	350	Mature	..	282, 379	Retford Peer
Leura Lady Elector 4th ..	25239	16.8.32	18	8,684	4·46	387·31	330	Sr. 4	..	..	Monitor of Leura
Elaine 6th of Melksham Park	11756	17.8.32	15½	6,141	5·72	351·12	350	Mature	..	397	Comet's Prince of Melksham Park
*Leura Patricia 3rd ..	24238	27.8.32	4	7,395	5·68	419·73	350	Mature	..	323, 355	Admiral of Leura
Leura May 6th ..	36839	28.8.32	19	6,971	5·68	395·94	270	Jr. 3	..	..	Admiral of Leura
Leura Piccaninny 3rd ..	25246	29.8.32	16	9,000	5·99	539·32	350	Mature	..	297	Grant of Melrose
Carranballac Zoe 5th's Fancy	25233	15.9.32	23	9,488	5·32	504·51	350	Mature	..	365	Sir Fancy Madeira of Werribee
Leura Greta 5th ..	C.R.	20.9.32	17	6,594	5·23	344·59	230	Jr. 2	..	..	Curiosity King of Comely Banks
Leura Foxglove 2nd ..	C.R.	26.9.32	12½	4,944	5·90	291·84	230	Jr. 2	..	..	Admiral of Leura
Ballarat Orphanage, Ballarat, Jersey (7).											
Orphanage Mannikin's Attraction	32931	21.7.32	15½	8,253	5·69	469·80	270	Jr. 3	..	260	Audrey's Prince of Banyule
Orphanage Vanilla's Melba 2nd	32933	3.8.32	18½	8,864	5·20	461·02	290	Sr. 3	..	300, 292	Audrey's Allan of Tavistock
Dunalister Perree's Mannikin's Attraction	23359	5.8.32	11½	6,545	6·21	406·22	350	Mature	..	267, 318, 318 349	Perree's Duke
Orphanage V.C.'s Attraction 2nd	..	2.9.32	10½	5,310	5·26	279·37	230	Jr. 2	..	..	Wompini V.C.
Orphanage Doris 2nd ..	..	15.9.32	17½	7,041	5·14	361·82	230	Jr. 2	..	..	Wompini V.C.
Orphanage Audrey's Molly 2nd	..	17.9.32	10	5,705	5·08	290·07	230	Jr. 2	..	..	Wompini V.C.
Dunalister Zaffarine 2nd	25253	17.9.32	8	7,727	6·07	468·74	350	Mature	..	354, 320, 427	Starbright's Duke of Glen Iris
Barber Bros., Somerville, Jersey (2).											
Somerville Daphne 4th ..	34110	6.7.32	8	4,870	5·31	258·77	230	Jr. 2	..	..	Somerville Reputation
Somerville Valdera 2nd ..	36866	12.7.32	10½	5,724	6·13	351·16	250	Sr. 2	..	367	Somerville Reputation
Bassett-Smith, C., Kyabram, Red Poll (4).											
Victoria Traybit ..	1674A	4.7.32	4½	7,182	4·03	289·29	350	Mature	..	285, 285, 328, 290	Victoria Bit-o-bacca
Temperley Rosita ..	1648A	16.7.32	9	7,947	4·97	395·18	350	Mature	..	190, 293, 364	Corriedale Royal Favourite
Flowing Vale Vision ..	1795C	21.7.32	6½	6,350	5·12	325·04	350	Mature	..	286, 302, 312	Flowing Vale Dinkum Victor
Victoria War Dove ..	1677A	29.7.32	7½	7,973	5·74	457·52	350	Mature	..	282, 248, 352, 449	Belligerent
Woodburn Fancy ..	1110AA	29.7.32	17	8,042	3·79	304·60	350	Mature	..	311	Eastern Liberator
Woodburn Dorcus ..	2098AA	6.8.32	9	6,486	3·87	250·93	330	Sr. 4	..	197	Woodburn Standard
*Victoria Warplane ..	1759B	21.8.32	4	8,535	4·76	406·26	350	Mature	..	288, 274, 359, 424	Belligerent
Ardyone Catherine ..	1900AA	21.8.32	14	7,767	4·32	335·76	350	Mature	..	..	Victoria King David
Woodburn Grateful ..	2105AA	9.9.32	12½	6,709	3·88	260·12	290	Sr. 3	..	249	Whiteway Wiseman
*Flowing Vale Astroletta	2382B	17.9.32	4	7,523	4·23	318·48	350	Mature	..	271, 316, 361	Dinkum Astrologer
Victoria Turbin ..	2340A	21.9.32	17½	8,544	4·61	394·30	350	Mature	..	298, 366, 421	Victoria Air Marshall
Woodburn Sweet Pear ..	2120AA	22.9.32	12	7,867	3·63	285·68	330	Sr. 4	..	232	Woodburn Paragon

* 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test lb.	Milk lb.	Average Test.	Butter Fat lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Batten, H. J., Panmure, Jersey (10).											
Hua Brook Elfa ..	36876	25.7.32	13	5,227	6·35	332·06	230	Jr. 2	..	..	Victor's Handsome Prince
Elaine 8th of Melksham Park	14281	10.8.32	14	5,987	6·25	374·29	350	Mature	..	..	Waverley Lass 3rd's Viscount of Melrose
Mount Warrnambool Daisy 4th	28435	11.8.32	21½	8,324	5·07	422·14	350	Mature	..	..	Quill of Melksham Park
Mount Warrnambool Daisy 5th	32950	11.8.32	9½	6,647	5·34	355·15	250	Sr. 2	..	..	Willis Vale Mystic Count
Cudgee Farm Elaine ..	24253	13.8.32	19½	8,004	6·09	487·56	350	Mature	..	..	Clara's Cream Lad of Boorene
Mount Warrnambool Elaine 3rd	32952	25.8.32	17½	5,533	5·96	329·75	310	Jr. 4	..	..	Cudgee Farm King
Almadale Oxford Niobe ..	36875	26.8.32	17½	5,058	6·72	340·11	230	Jr. 2	..	..	Willoyx Oxford Lad
O.K. Combination Flower	36878	27.8.32	22½	6,813	5·15	350·86	230	Jr. 2	..	..	Oxford Beau's Combination
Mount Warrnambool Floss 2nd	..	9.9.32	21½	5,840	5·69	332·41	230	Jr. 2	..	..	Cudgee Farm King
Daisy 15th of Melrose ..	11235	10.9.32	22	7,871	5·27	414·66	350	Mature	..	..	Golden Fern's Viscount
Bazeley Bros., Stanhope, Jersey (2).											
Brighton Lady 23rd ..	30517	15.8.32	22½	9,597	5·01	480·67	270	Jr. 3	..	..	Brighton King 40th
Burfield Pearl	Vol. 21	20.8.32	17	8,766	4·79	420·11	350	Mature	..	..	Winsome's Mike of Culunbone
Belfield, G. H., Coleraine, Jersey (6).											
Toolang Fancy ..	C.R.	4.7.32	13	8,327	5·41	450·64	250	Sr. 2	..	..	Vanilla 2nd of Tavistock
Wootong Vale Golden Ranee	C.R.	6.7.32	8½	7,250	5·29	383·74	250	Sr. 2	..	..	Wootong Vale Gold Duke
Wootong Vale Sovereign Princess	21116	5.8.32	6	7,385	4·55	335·94	350	Mature	..	443, 386, 393, 424	Gold Prince of Clover Flat
*Wootong Vale Golden Dawn	36894	23.8.32	..	5,715	6·02	344·16	250	Sr. 2	..	..	Wootong Vale Gold Duke
Nairana Cloth of Gold 3rd	29227	23.8.32	14	7,242	4·94	357·76	250	Sr. 2	..	..	Strathbow Goldstar
Wootong Vale Sovereign's Delight†	C.R.	4.9.32	..	5,010	4·66	233·40	230	Jr. 2	..	..	Wootong Vale Gold Duke
Bidgood, F., Wodonga, Jersey (8).											
Staghorn Master's Fairy	28451	9.7.32	23	8,265	6·08	502·32	290	Sr. 3	..	339 ..	Staghorn Northlark's Masterpiece
Staghorn Master's Fancy	22982	9.8.32	22	8,121	6·21	504·06	350	Mature	..	347, 382, 463	Werribee Northern Masterpiece
Staghorn Master's Larkspur 2nd	32976	11.8.32	17	7,289	6·60	480·83	270	Jr. 3	..	345 ..	Werribee Northern Masterpiece
Staghorn Master's Fairy 2nd	C.R.	11.8.32	16½	5,526	5·49	303·57	230	Jr. 2	..	.. ..	Werribee Northern Masterpiece
Staghorn Fox's Clementine 4th	18633	12.9.32	20½	7,833	5·96	467·22	350	Mature	..	337, 385, 433, 508, 495	Madeira's King of Staghorn
Staghorn Master's Larkspur	28455	13.9.32	23½	9,744	5·81	566·43	310	Jr. 4	..	459, 463 ..	Werribee Northern Masterpiece
Staghorn Master's Lotus 3rd	32978	18.9.32	15½	5,775	6·05	349·18	250	Sr. 2	..	284 ..	Werribee Northern Masterpiece
Staghorn Master's Lotus 4th	C.R.	19.9.32	17	5,951	5·91	351·73	230	Jr. 2	..	.. ..	Werribee Northern Masterpiece
Black, Mrs. A. J., Noorat, Jersey (2).											
Noorat Sunshine ..	16219	28.6.32	21	7,542	5·64	425·08	350	Mature	..	265, 240, 415, 514, 506, 459	Best Choice of Tarnpirr
Noorat Guitar	32990	26.9.32	15½	6,266	5·39	337·57	270	Jr. 3	..	250 ..	Cellist of Warenda
Black, I. S., Noorat, Ayrshire (4).											
Mount Noorat Posy ..	23139	23.8.32	15	6,486	4·45	288·82	250	Sr. 2	..	.. ..	Pender of Ben Kell
Mount Noorat Janice ..	24147	24.8.32	4	6,137	4·24	260·45	230	Jr. 2	..	.. ..	Scottish Major of Gowrie Park
Oakbank Alert ..	18694	26.8.32	14	6,843	4·00	273·84	330	Sr. 4	..	291, 283 ..	Oakbank Ariel
Mount Noorat Georgina..	24146	30.8.32	22	7,254	4·53	328·58	230	Jr. 2	..	.. ..	Scottish Major of Gowrie Park
Mount Noorat Purity ..	24149	11.9.32	11	5,885	4·32	254·45	230	Jr. 2	..	.. ..	Scottish Major of Gowrie Park
Bolton, S., Mannerin, Jersey (2).											
Glenmavis Surprise ..	24270	8.7.32	13	8,012	5·01	401·53	350	Mature	..	234, 354, 393	Clyde King 3rd of Rosedale View
Glenmavis Rosaleen ..	33004	1.8.32	12	5,987	5·60	335·09	230	Jr. 2	..	.. ..	Banyule Plant
Bott, J. and N., Yarrawonga, Red Poll (9).											
Flowing Vale Joykum ..	1713B	14.7.32	23	11,420	4·00	457·34	350	Mature	..	.. ..	Dinkum Astrologer
Naranghi Daybreak ..	2935A	24.7.32	19	7,361	4·50	331·18	230	Jr. 2	..	.. ..	Blackwood Salvologer
Naranghi Joy	2937A	25.7.32	20	5,996	4·39	263·00	230	Jr. 2	..	.. ..	Naranghi Wisdom
Naranghi Lilac ..	3140B	28.7.32	26	9,539	4·42	421·97	250	Sr. 2	..	.. ..	Woodburn Premier
Flowing Vale Cherrybud	1422AA	4.8.32	18½	8,442	4·05	341·93	350	Mature	..	.. ..	Bellum Victor
Naranghi Pip	2589D	22.8.32	17½	9,036	4·07	368·19	350	Mature	..	.. ..	Woodburn Elgin

* 240 days in test. † 210 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Bott, J. and N., Yarrawonga, Red Poll (9)—*continued.*											
Flowing Vale Plum Again	1718B	27.8.32	16	8,237	4·06	334·25	350	Mature	..	..	Flowing Vale Dinkum Victor
Flowing Vale Sunbean 5th	3117B	29.8.32	17½	9,383	4·53	424·75	290	Sr. 3	..	..	Bellum Victor
Naranghi Merle ..	2510C	1·9·32	11	8,946	4·95	443·00	350	Mature	..	..	Flowing Vale Cherrystone
Naranghi Julep ..	2938A	8.9.32	24	8,969	3·84	344·57	230	Jr. 2	..	..	Woodburn Premier
Woodburn Flo	2774AA	15.9.32	18½	6,882	4·00	275·44	230	Jr. 2	..	..	Whiteway Wiseman
Nyana-Wah Peggy* ..	2362A	16.9.32	4	7,845	4·35	341·61	350	Mature	..	..	Flowing Vale Cherrystone
Box, Dr. J., Noojee Farm, Jersey (—).											
Toorongo Nancy ..	33942	7.8.32	5	3,627	6·10	221·37	230	Jr. 2	..	..	Tooronga Mercedes King
Toorongo Muriel ..	28480	3.9.32	N.O.C.	5,313	5·03	267·00	270	Jr. 3	..	179, 200 ..	Werribee Fancy Masterpiece
*Toorongo Gaiety Girl ...	28479	9.9.32	4	5,870	4·83	283·68	310	Jr. 4	..	253 ..	King William of Rockdale
*Gay Girl of Eurungee ..	18824	10.9.32	4	5,295	5·08	268·84	350	Mature	..	298, 294, 258	Jessie 13ths Count of Melrose
*Mayland Heath ..	22998	10.9.32	4	6,485	4·40	285·47	350	Mature	..	332, 245 ..	Cosmo's Noble of Mayland
Box, Dr. J., Surrey Hills Farm, Jersey (1).											
Melview Empress 2nd ..	33009	20.9.32	5½	4,761	7·00	333·16	290	Sr. 3	..	..	Handsome Boy 12th of Jerseyholm
Boyes, C., Leneva West, Jersey (12).											
Kintore Bell	36949	28.6.32	16½	5,949	5·12	304·37	230	Jr. 2	..	..	Kintore Clementine King
Fox's Snowdrop of Staghorn	16614	1.7.32	15	6,724	5·39	362·34	350	Mature	..	..	Lily's King of Staghorn
Kintore Clementine's Princess 2nd	33013	1.7.32	15½	6,278	5·08	318·77	250	Sr. 2	..	..	Kintore Clementine's King
Kintore Morocco Daisy 2nd	33017	2.7.32	13	5,442	5·79	314·95	250	Sr. 2	..	..	Kintore Clementine's King
Kintore Fox's Clementine 2nd	33014	4.7.32	13½	5,957	4·66	277·46	250	Sr. 2	..	..	Kintore Clementine's King
Staghorn Butterfly ..	23000	7.7.32	18	7,729	5·85	451·92	350	Mature	..	..	Lily's King of Staghorn
Kintore Pansy's Pride ..	22999	10.7.32	15	6,749	5·82	392·72	350	Mature	..	..	Larkspur's King of Staghorn
Kintore Pansy's Choice 2nd	33018	21.7.32	19½	7,704	5·12	394·76	270	Jr. 3	..	..	Kintore Clementine's King
Kintore Queen ..	36951	26.7.32	22	7,677	5·25	403·26	230	Jr. 2	..	..	Kintore Clementine's King
Kintore Pansy's Queen 2nd	33019	28.7.32	24	9,531	5·06	482·22	250	Sr. 2	..	..	Kintore Clementine's King
Kintore Pansy's Queen ..	21148	12.8.32	13½	7,311	5·88	429·93	350	Mature	..	..	Werribee Northern Masterpiece
Kintore Madeira ..	33015	28.8.32	16	6,318	5·78	365·27	290	Sr. 3	..	..	Kintore Clementine's King
Broad, A. A., Sutton Grange, Jersey (10).											
Grangelea Damsel ..	36965	9.8.32	15	5,388	6·56	353·32	230	Jr. 2	..	..	Banyule Macon
Grangelea Velveteen ..	36968	21.8.32	16½	5,415	5·71	309·39	230	Jr. 2	..	..	Glenoshea Renegade
Grangelea Ada ..	36963	25.8.32	16	5,696	5·23	297·85	230	Jr. 2	..	..	Glenoshea Renegade
Grangelea Golden ..	28499	30.8.32	23	9,173	6·00	550·63	330	Sr. 4	..	335, 470 ..	Dandy of Grangelea
Grangelea Prim 3rd ..	33039	3.9.32	22	7,848	5·88	461·21	250	Sr. 2	..	324 ..	Banyule Airo
Grangelea Rosella ..	33042	7.9.32	18	6,906	5·84	403·65	270	Jr. 3	..	309 ..	Banyule Airo
Rosebud 3rd of Grangelea	18651	8.9.32	18½	8,214	5·18	425·55	350	Mature	..	329, 411, 403, 391	Golden Twylish
Grangelea Rosebud 5th ..	36967	9.9.32	15½	5,597	6·00	336·08	230	Jr. 2	..	..	Banyule Macon
Grangelea Roseleaf 3rd ..	33041	16.9.32	14½	6,858	5·90	404·48	270	Jr. 3	..	326 ..	Banyule Airo
Grangelea Rose ..	33040	17.9.32	24½	10,413	5·44	566·70	250	Sr. 2	..	411 ..	Banyule Airo
Brock, R. L., Trafalgar, Jersey (1).											
Marimba Butterfly ..	38276	2.7.32	N.O.C.	4,136	6·29	260·29	230	Jr. 2	..	..	Werribee Lord Fancy
Wilgo Harpist	Vol. 20	1.9.32	8	3,825	4·95	189·28	250	Sr. 2	..	..	Wilgo Hero
Buchanan, J., Flinders, Ayrshire (4).											
Gleneira Honeyflower ..	14478	5.7.32	7½	7,491	4·30	322·38	350	Mature	..	238, 331 ..	Aristocrat of Gleneira
Gleneira Bright ..	23834	12.7.32	8½	6,342	5·24	332·26	250	Sr. 2	..	..	Gleneira Desmond
Gleneira Houri ..	21526	14.7.32	9	6,363	4·41	280·53	290	Sr. 3	..	..	Gleneira McDonald
Gleneira Actual ..	22834	10.8.32	4	5,241	4·70	246·46	250	Sr. 2	..	..	Gleneira Briton
Gleneira Frond ..	24974	12.8.32	4	5,678	4·26	241·60	250	Sr. 2	..	..	Gleneira Desmond
*Gleneira Lady Algie ..	20136	12.8.32	4	5,400	4·26	230·13	350	Mature	..	290 ..	Algie of Oakbank
*Gleneira Dandelion ..	18034	1.9.32	4	7,110	4·00	284·46	350	Mature	..	328, 302 ..	Algie of Oakbank
Dalblair Alleyne ..	24773	4.9.32	6	5,364	4·51	242·17	230	Jr. 2	..	..	Gleneira Briton
Gleneira Diadem ..	22836	7.9.32	6½	6,263	3·89	243·55	230	Jr. 2	..	..	Gleneira Knight
Gleneira Pendant ..	21537	10.9.32	5½	4,385	5·00	219·27	310	Jr. 4	..	..	Gleneira Briton
*Gleneira Fritter ..	21519	16.9.32	4	5,850	3·73	218·43	310	Jr. 4	..	203 ..	A.1. of Gleneira
Gleneira Likeness† ..	20138	16.9.32	4	6,915	4·26	294·60	350	Mature	..	332, 350 ..	Algie of Oakbank
Gleneira Cherry ..	22825	18.9.32	5½	6,065	5·25	318·66	250	Sr. 2	..	202 ..	Gleneira Desmond
†Gleneira Checky ..	21513	24.9.32	4	4,800	5·07	242·82	290	Sr. 3	..	214, 200 ..	Gleneira Desmond

* 210 days in test. † 240 days.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Caldwell, J., Glen Alvie, Jersey (—).											
Round Hill Kathleen 2nd's Lady	33065	12.8.32	7	4,446	6·01	267·27	310	Jr. 4	..	.. ..	Kathleen 3rd's Noble of Round Hill
Round Hill Kathleen 4th's Lady	33066	20.8.32	N.o.c.	3,930	6·12	240·33	310	Jr. 4	..	203 ..	Kathleen 3rd's Noble of Round Hill
Round Hill Kathleen 2nd's Princess	23013	21.8.32	5	5,675	5·65	320·59	350	Mature	..	271 ..	Retford Deer's Noble
Round Hill Charlotte ..	37004	31.8.32	5½	4,398	4·79	210·85	230	Jr. 2	..	.. ..	Cosma's Prince
‡Round Hill Kitty 2nd's Princess	23016	3.9.32	4	5,940	5·42	321·69	350	Mature	..	307 ..	Retford Deer's Noble
†Round Hill Kitty 2nd's Lady	33065	12.9.32	4	3,795	5·56	210·96	310	Jr. 4	..	215 ..	Kathleen 3rd's Noble of Round Hill
†Round Hill Collette ..	37005	13.9.32	4	3,360	5·28	177.26	230	Jr. 2	..	.. ..	Cosma's Prince
Round Hill Juliette ..	37007	17.9.32	6½	4,353	5·79	251·96	230	Jr. 2	..	.. ..	Cosma's Prince
Round Hill Daphne ..	33063	24.9.32	9	5,181	5·03	260·78	270	Jr. 3	..	245 ..	Cosma's Prince
Cameron, D., and Sons, Valencia Creek, Jersey (1).											
Studleigh Harebell 2nd ..	25292	24.7.32	16	7,584	6·12	464·04	330	Sr. 4	..	315, 410, 596	Werribee Madeira Starbright's King
Chadderton, J. E., Hamilton, Jersey (2).											
Glen Leigh Foxglove 2nd	25793	9.7.32	14½	6,954	5·88	409·12	310	Jr. 4	..	326, 367 ..	Gadabout of Danton
Glen Leigh Dewfall ..	37037	17.7.32	13½	4,869	5·85	285·04	230	Jr. 2	..	.. ..	Strathkellar Topthorn
Charlton, J., Stoney Creek, Jersey (18).											
Lumeah Violet ..	33112	9.7.32	10	5.072	6·67	338·10	270	Jr. 3	..	338 ..	Burnside Invincible
Lumeah Una	26308	11.7.32	12	5,915	4·78	282·59	330	Sr. 4	..	218, 214, 303	Burnside Invincible
Lumeah Foxglove ..	24289	11.7.32	14	6,716	6·18	415·30	350	Mature	..	362, 405, 435	Burnside Invincible
Lumeah Sunbeam ..	24293	17.7.32	20½	8,859	5·57	493·52	350	Mature	..	314, 328, 441, 393	Burnside Invincible
Duchess of Lumeah ..	18660	20.7.32	12	7,179	5·52	396·44	350	Mature	..	211, 305, 374, 319, 326, 380	Brown Duke of Muree
Lumeah Rosebud ..	26306	21.7.32	18	8,028	5·22	419·12	330	Sr. 4	..	283, 334, 342	Burnside Invincible
Lumeah Daisy	33106	28.7.32	13½	6,380	4·88	311·10	270	Jr. 3	..	242 ..	Burnside Invincible
Lumeah Aster	33104	28.7.32	12½	6,236	5·52	344·04	250	Sr. 2	..	308 ..	Burnside Invincible
Lumeah Begonia ..	28537	31.7 32	14	6,192	5·41	335·02	290	Sr. 3	..	291, 317 ..	Burnside Invincible
Lumeah Starlight ..	33111	12.8.32	10½	5,901	5·22	308·24	250	Sr. 2	..	292 ..	Burnside Invincible
Lumeah Emma ..	33107	12.8.32	10	5,740	5·81	333·65	270	Jr. 3	..	257 ..	Banyule Molloik
Lumeah Eunice ..	37047	15.8.32	9½	5,270	5·48	288·61	230	Jr. 2	..	.. ..	Banyule Molloik
Lumeal Hazel	37048	16.8.32	12½	5,771	6·30	363·45	230	Jr. 2	..	.. ..	Burnside Invincible
Lumeah Lotus	33110	19.8.32	8½	5,672	5·27	298·88	270	Jr. 3	..	226 ..	Burnside Invincible
Lumeah Rose	28541	21.8.32	11	6,920	5·82	402·41	290	Sr. 3	..	283, 298 ..	Burnside Invincible
Lumeah Heatherbelle ..	37049	21.8.32	9	5,504	5·59	307·78	230	Jr. 2	..	.. ..	Clarendon Eyre Eminent's Dinkie
Boronia of Lumeah ..	13705	25.8.32	14	9,339	5·20	485·58	350	Mature	..	458, 512, 511, 479, 435, 357	Jewel's Boy of St. Albans
Lumeah Laurel ..	33108	31.8.32	16½	7,040	4·99	351·49	270	Jr. 3	..	265 ..	Burnside Invincible
Lumeah Lilac	33109	1.9.32	9½	6,314	4·85	306·01	270	Jr. 3	..	256 ..	Burnside Invincible
Chester, E. L., Mt. Scobie, Jersey (4).											
Radford Hibiscus ..	33116	12.7.32	15½	6,497	5·82	378·26	250	Sr. 2	..	231 ..	Ballara Golden Lad
Radford Meadow Sweet ..	37053	24.7.32	11	5,034	4·85	244·27	230	Jr. 2	..	.. ..	Ballara Golden Lad
Radford Cream Girl ..	33115	18.8.32	10	5,264	5·65	297·48	250	Sr. 2	..	256 ..	Economist of Aveley
Holmlea Myrtle ..	28542	1.9.32	7½	5,727	5·54	317·02	310	Jr. 4	..	234, 283, 313	Ballara Victor 2nd
Chirnside, R. M., Whittlesea, Jersey (9).											
Air Girlie of The Falls ..	21583	10.7.32	30	10,795	5·52	595·78	350	Mature	..	328, 607, 596	Air Pilot of Banyiule
Mornmoot Northwood Madeira	33142	11.7.32	17	6,684	5·69	380·64	230	Jr. 2	..	.. ..	Werribee Prince Madeira
Mornmoot Maid 2nd ..	33126	6.8.32	19½	7,345	5·52	405·58	230	Jr. 2	..	.. ..	Werribee Prince Madeira
Brucevale Northwood Madeira 2nd	24295	8.8.32	25	10,477	5·70	596·75	350	Mature	..	351, 412, 439	Masterpiece of Brucevale
Mornmoot Modesty 3rd ..	33139	14.8.32	17	6,501	5·30	344·56	230	Jr. 2	..	.. ..	Werribee Prince Madeira
The Falls Air Glory ..	24817	18.8.32	15½	11,507	4·89	562·70	350	Mature	..	333, 396, 393	Air Pilot of Banyule
Mornmoot Modesty 2nd ..	33138	18.9.32	9	8,504	6·16	523·93	270	Jr. 3	..	381 ..	Choirmaster of Banyule
Mornmoot Milliner ..	33136	20.9.32	8	8,027	5·92	474·87	270	Jr. 3	..	434 ..	Choirmaster of Banyule
Mornmoot Melody's Miss	33135	25.9.32	N.o.c.	6,944	6·55	454·87	230	Jr. 2	..	.. ..	Werribee Prince Maderia
Chitty, C., Kernot, Jersey (4).											
Ewelme Connoisseur's Choice	33147	2.8.32	16	6,378	6.29	401·03	290	Sr. 3	..	375 ..	Northern Master of Glen Iris
Ewelme Norma ..	Vol. 20	26.8.32	9	5,688	6·06	344·96	230	Jr. 2	..	... ..	Northern Master of Glen Iris
Ewelme Northern Necklace	33153	1.9.32	8	5,342	6·96	372·03	310	Jr. 4	..	381, 366 ..	Northern Master of Glen Iris
Ewelme Northern Holly	37079	4.9.32	5½	4,494	6·95	312·14	250	Sr. 2	..	375 ..	Northern Master of Glen Iris

* 210 days in test. † 240 days in test. ‡ 264 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Christian, Mrs. N. C., Mortlake, Jersey (2).											
Maiwand Lilac ..	37358	13.7.32	11½	4,757	4·83	229·94	230	Jr. 2	..	.. ..	Duke of Belgonia
Staghorn Northern Clementine	Vol. 20	6.8.32	15	5,177	5·85	302·72	230	Jr. 2	..	.. ..	Staghorn Northlark's Masterpiece
Staghorn Master's Clementine 6th	Vol. 20	12.8.32	14	5,526	5·31	293·18	230	Jr. 2	..	.. ..	Staghorn Northlark's Masterpiece
Christie, A., Yea, Jersey (2).											
Sparklet of Greenmeadows	21413	26.7.32	N.O.C.	8,907	5·72	509·80	350	Mature	..	410 ..	Werribee Madeira Cream's King
Wattle Grove Eminent's Girl	33287	8.8.32	16	6,638	5·26	348·98	250	Sr. 2	..	251 ..	Clarendon Eyre Eminent's Fortune Hunter
Clarke, A. B., Noorat, Jersey (1).											
Belladonna 2nd of Springhurst	21600	21.8.32	11½	6,731	5·13	345·13	350	Mature	..	292, 391, 351	Starbright's Prince of Glen Iris
Castlemaddie Heather ..	25307	3.9.32	18½	7,301	5·13	374·63	350	Mature	..	305, 296 ..	King's Bounty of Somerville
Clark, F. W., Toora, Jersey (2).											
Pretty Lady of Whare Koa	14143	23.8.32	16	7,280	6·00	436·58	350	Mature	..	345, 337, 419, 409, 348	Retford Mourier Lad
Mer-Vue Choice ..	Vol. 20	28.8.32	8½	5,819	6·87	399·50	230	Jr. 2	..	.. ..	Wood Searchlight
Clyne, Jas., Upper Maffra West, Jersey (16).											
Paisley Petal 2nd ..	25327	8.7.32	15½	6,333	5·33	337·66	350	Mature	..	259, 338 ..	Sweet Boy of Elouera
Paisley Nomie	C.R.	19.7.32	25	8,220	5·18	425·68	270	Jr. 3	..	321 ..	Paisley Monopole
Paisley Ula	C.R.	22.7.32	17½	6,282	5·52	346·67	230	Jr. 2	..	.. ..	Belgonia Monopole
Jersey Vale Mistletoe ..	25316	27.7.32	18	7,703	5·07	390·41	350	Mature	..	269, 357 ..	Princess 2nds Twylish of Grangelea
Paisley Pet	C.R.	29.7.32	15	5,361	5·47	292·98	230	Jr. 2	..	.. ..	Werribee Master Key
Paisley Ora	C.R.	1.8.32	13½	4,869	5·77	280·97	230	Jr. 2	..	.. ..	Werribee Master Key
Paisley Corrie	C.R.	3.8.32	17	5,541	5·76	319·07	230	Jr. 2	..	.. ..	Paisley Master Boy
Paisley Clementine ..	C.R.	7.8.32	12½	4,376	5·49	240·11	230	Jr. 2	..	.. ..	Werribee Master Key
Paisley Petal 3rd ..	C.R.	8.8.32	18	6,132	5·26	322·84	230	Jr. 2	..	.. ..	Paisley Master Boy
Jersey Vale Laurel ..	25315	16.8.32	14½	7,301	5·16	376·44	330	Sr. 4	..	263, 337, 393	Princess 2nds Twylish of Grangelea
Jersey Vale Primula ..	25320	16.8.32	20	7,428	5·04	374·05	350	Mature	..	308, 303, 370	Princess 2nds Twylish of Grangelea
Paisley Penelope ..	C.R.	22.8.32	15½	5,286	5·38	284·24	230	Jr. 2	..	.. ..	Paisley Master Boy
Petaline of Paisley ..	21195	3·9·32	19	7,830	4·35	340·22	350	Mature	..	274, 387, 388, 408, 424	Star of Somerville
Paisley Buttercup ..	C.R.	9.9.32	14	5,234	5·24	274·43	230	Jr. 2	..	.. ..	Werribee Master Key
Paisley Mistel	C.R.	12.9.32	13	7,055	4·68	330·23	270	Jr. 3	..	315 ..	Paisley Monopole
Paisley Ipomel ..	C.R.	24.9.32	16	5,918	5·92	350·27	230	Jr. 2	..	.. ..	Werribee Master Key
Cora 2nd of Elouera ..	13394	21.9.32	16	7,181	4·95	355·68	350	Mature	..	285, 416, 425, 414, 493, 415, 412	Double Twylish of Elouera
Brucevale Fancy Starbright 4th	37104	26.9.32	17½	8,213	5·79	475·85	270	Jr. 3	..	403 ..	Masterpiece of Brucevale
Cockbill Bros., Bacchus Marsh, Ayrshire (5).											
Fulham Blanche ..	16055	14.8.32	16	8,187	4·46	365·43	350	Mature	..	329, 325, 358, 353	Fulham Fairplay
Fulham Valetta ..	10919	15.8.32	16½	9,167	4·62	423·27	350	Mature	..	344, 345, 318, 294, 467	Rocket of Springfield
Fulham Dot	16056	29.8.32	18½	9,198	4·36	401·44	350	Mature	..	304, 391 ..	The Laird of Sparrovale
Fulham Virtuous ..	22753	2.9.32	30½	9,647	4·78	461·14	230	Jr. 2	..	.. ..	The Laird of Sparrovale
*Fulham Goodyear ..	17935	6.9.32	4	5,520	4·42	243·84	330	Sr. 4	..	299, 217, 247	Fulham Future
Fulham Cassie ..	17934	7.9.32	20	8,069	5·10	411·52	350	Mature	..	237, 310 ..	Fulham Future
Fulham Vaneer ..	17939	14.9.32	16	6,890	4·14	285·17	330	Sr. 4	..	275 ..	Fulham Future
Cockbill Bros., Rockbank, Ayrshire (1).											
Fulham Virtue 2nd ..	21433	12.7.32	12	8,226	4·76	391·31	270	Jr. 3	..	256 ..	The Laird of Sparrovale
Cockbill Bros., Tongala, Ayrshire (2).											
*Fulham Verna ..	17940	19.7.32	4	5,790	4·64	268·47	310	Jr. 4	..	244 ..	The Laird of Sparrovale
Fulham Celia	20019	12.8.32	9½	6,477	4·96	321·48	290	Sr. 3	..	.. ..	The Laird of Sparrovale
†Fulham Cherry ..	22746	16.8.32	4	2,310	4·16	96·03	230	Jr. 2	..	.. ..	The Laird of Sparrovale
*Fulham Valveeta ..	22750	19.8.32	4	6,150	4·56	280·26	250	Sr. 2	..	206 ..	The Laird of Sparrovale
Fulham Lilian ..	17938	18.9.32	7½	6,788	4·53	307·11	330	Sr. 4	..	279, 235 ..	The Laird of Sparrovale
Colenso, L. W., Alvie, Jersey (2).											
Normandie Primrose ..	33195	12.8.32	7½	4,016	5·96	239·46	230	Jr. 2	..	.. ..	Normandie White Peer
Normandie Ilma ..	25329	20.8.32	16½	8,540	5·20	444·50	350	Mature	..	325, 479 ..	Thelma's King of St. Albans
Combridge, L. H., Almurta, Jersey (1).											
Glenburnie Sweetheart ..	37125	10.8.32	5	4,127	5·84	240·98	230	Jr. 2	..	.. ..	Studleigh Chief
†Glenburnie Tulip ..	37126	31.8.32	4	3,060	5·32	162·66	250	Sr. 2	..	.. ..	Burnside Lauder

* 240 days in test. † 150 days in test. ‡ 210 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Cook, D. E., Loch, Jersey (5).											
Wattle Vale Wanda ..	26312	25.7.32	9½	4,968	6·30	313·20	350	Mature	..	257, 332 ..	Retford Deer's Noble
Wattle Vale Prim ..	28588	30.7.32	6½	2,987	6·89	205·87	290	Sr. 3	..	204 ..	Retford Deer's Noble
Cootamundra of Wattle Vale	16629	2.8.32	15	7,031	5·94	417·65	350	Mature	..	271, 348, 368, 394, 348	Duke of Melrose
Modesta Olive	26309	10.8.32	11	6,123	5·73	350·93	350	Mature	..	259, 314, 469	Lord Lennon of Clovelly
Wattle Vale Pride's Coquette	24308	20.8.32	11½	6,578	5·55	365·31	350	Mature	..	310, 173 .,	Duke of Melrose
Modesty of Wattle Vale ..	21203	28.8.32	18	8,894	5·40	480·41	350	Mature	..	182, 346, 310, 374, 445	Duke of Melrose
Fairy Queen of Blackwood Valley	17418	23.8.32	7½	5,409	6·95	376·04	350	Mature	..	251, 312, 299, 359, 409, 346	Retford Mourier Lad
Coombes, T. A. P., Tongala, Jersey (7).											
Amwell Tiny	Vol. 20	13.7.32	11	5,673	5·07	287·66	230	Jr. 2	..	.. ..	Amwell Butterlad
Strathbow Colina ..	26152	3.8.32	10½	8,174	6·22	508·31	310	Jr. 4	..	419 ..	Studleigh Noble
Amwell Belle	34040	10.8.32	13½	6,617	4·89	323·65	250	Sr. 2	..	284 ..	Wireless of Belgonia
Ivinghoe Patricia 4th ..	37131	12.8.32	12	6,188	5·22	323·20	250	Sr. 2	..	201 ..	Belgonia Air Prince
Ivinghoe Buttercup 2nd	37130	18.8.32	11	5,117	5·64	288·79	310	Jr. 4	..	279 ..	Mate of Belgonia
Ivinghoe Patricia ..	25814	22.8.32	10½	5,649	6·23	352·02	350	Mature	..	341, 315, 403	Mate of Belgonia
*Amwell Dauphine ..	28717	22.8.32	4	6,465	5·44	351·39	310	Jr. 4	..	363 ..	Wireless of Belgonia
Aveley Starbright 6th ..	29376	25.9.32	9	7,367	6·59	485·12	310	Jr. 4	..	394 ..	Marc Antony of Aveley
Cooper, H. A., Trafalgar, Jersey (4).											
Glenloch Mermaid ..	28599	11.7.32	10	6,528	5·38	351·41	270	Jr. 4	..	334 ..	Milkmaid's Chief of Banyule
Burnside Alfalfa ..	24310	25.7.32	12	9,672	5·44	526·43	350	Mature	..	313, 307 ..	Burnside Raleigh
Glenlock Milkmaid ..	28601	28.7.32	13	8,357	5·47	457·22	310	Jr. 4	..	361, 405 ..	Milkmaid's Chief of Banyule
§Glenloch Silver Maid ..	37133	12.9.32	14	5,790	6·16	356·49	250	Sr. 2	..	373 ..	Concentration of Banyule
Coughlan, Mrs. M., Walwa, Jersey (4).											
Banyule Hawthorn 16th..	25459	31.7.32	4½	7,544	5·61	423·29	310	Jr. 4	..	447 ..	Hoik of Banyule
Banyule Petal	25466	10.8.32	8½	8,081	5·01	406·91	310	Jr. 4	..	362 ..	Concentration of Banyule
Banyule Silvermine 51st..	25469	19.8.32	6½	7,301	5·73	418·25	310	Jr. 4	..	353 ..	Hoik of Banyule
*Erlstoun Victor's Owlette	37136	25.8.32	4	4,150	5·83	241·91	230	Jr. 2	..	.. ..	Kantara Ku Ku's Victor
Coughlin, C., Catani, Jersey (2).											
†Hazel Dell Beauty ..	21739	7.7.32	4	5,220	5·61	292·68	350	Mature	..	.. ..	Sir Duke of Woorayl
Glady's Park Lettie 2nd's Bluebell	37140	6.8.32	23	6,512	6·48	421·92	230	Jr. 2	..	.. ..	Werribee Bluebell's Masterpiece
Kyora Needles Primrose..	28604	5.9.32	9	4,469	6·66	297·50	290	Sr. 3	..	241 ..	Woodside Volunteer's Chance
Cox, Albury, Mt. Scobie, Jersey (11).											
Tavistock Mermaid ..	23058	10.7.32	22½	9,317	5·68	528·99	350	Mature	..	385, 443 ..	Mystery's Twylish of Tavistock
Tavistock Mavis ..	Vol. 20	16.7.32	14	5,601	6·34	354·94	230	Jr. 2	..	.. ..	Audrey's Prince of Banyule
Tavistock Honesty's Queen	23056	26.7.32	18	8,121	6·03	489·87	350	Mature	..	407, 452 ..	Vanilla's King of Tavistock
Tavistock Viola ..	33226	8.8.32	9½	6,201	5·57	345·44	350	Mature	..	335, 358 ..	Tavistock Mabel's Lad
Tavistock Virtue ..	Vol. 20	28.8.32	14	6,544	6·86	449·09	230	Jr. 2	..	.. ..	Delmont Masterpiece
Tavistock Claremont ..	Vol. 20	28.8.32	10	4,500	6·92	311·46	230	Jr. 2	..	.. ..	Delmont Masterpiece
Tavistock Rosella ..	Vol. 20	29.8.32	14	5,202	6·32	328·85	230	Jr. 2	..	.. ..	Delmont Masterpiece
Honesty of Tavistock ..	21211	1.9.32	14	6,594	6·02	396·73	350	Mature	..	348, 464, 474	Audrey's Prince of Banyule
Tavistock Clarice ..	Vol. 20	3.9.32	15½	4,256	5·54	235·61	230	Jr. 2	..	.. ..	Audrey's Prince of Banyule
Tavistock Doris ..	Vol. 20	5.9.32	12	5,357	6·51	348·62	230	Jr. 2	..	.. ..	Delmont Masterpiece
Tavistock Pet	Vol. 20	5.9.32	13	4,505	6·63	298·71	230	Jr. 2	..	.. ..	Delmont Masterpiece
Tavistock Madonna ..	Vol. 20	7.9.32	12½	6,533	6·20	405·05	230	Jr. 2	..	.. ..	Delmont Masterpiece
Davies, J. W., Coalville, Jersey (1).											
Bray Tor Gipsy Maid ..	37197	2.7.32	7	4,266	6·31	269·05	230	Jr. 2	..	.. ..	Pansy's Chief of Leathorne
De La Rue, N. C., Weering, Jersey (7).											
Lucerne Vale Battle's Trixie 3rd	28645	28.6.32	20	7,208	5·79	417·43	270	Jr. 3	..	346 ..	Somerville Battle
Lucerne Vale Ella's Trixie	28646	7.7.32	14	5,085	6·12	311·19	250	Sr. 2	..	282 ..	Lucerne Vale Trixie's Progress
Carnation of Colac ..	21239	10.7.32	13	7,496	5·20	389·83	350	Mature	..	267, 347, 316, 379, 443, 481, 448	Golden Twylish of Colac
Lucerne Vale Viscount's Silvermine 3rd	37204	12.7.32	12	5,657	5·84	330·61	230	Jr. 2	..	.. ..	Somerville Battle
Lucerne Vale Viscount's Noble Queen	21243	27.7.32	19	7,749	5·89	456·29	350	Mature	..	381, 373, 619	Lord Phyllis of Bruce Vale
Lucerne Vale Trixie 2nd ..	23087	14.8.32	17	7,259	6·13	445·04	350	Mature	..	365, 418, 496 419	Lord Phyllis of Bruce Vale
Myalla Millie 2nd ..	34066	9.9.32	N.O.C.	5,213	6·03	314·45	270	Jr. 3	..	326 ..	Somerville Battle

* 250 days in test. † 240 days in test. § 240 days herd withdrawn.

STANDARD HERD RECORDS—*continued*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Department of Agriculture, Burnley, Jersey (1).											
Victoria Charm ..	28657	28.7.32	18	7,302	6·14	448·34	330	Sr. 4	..	333, 411 ..	Admiral Collingwood
Department of Agriculture, Werribee, Friesian (4).											
Victoria Meagre Mercedes	3765	16.7.32	28½	10,536	4·09	431·16	250	Sr. 2	..	.. ..	Victoria Joyous Mercedes
Victoria Dutch Girl ..	3761	17.7.32	21½	8,715	3·83	333·87	230	Jr. 2	..	.. ..	Victoria Top Note
Victoria Patti Oak ..	3766	23.7.32	22	7,146	4·05	289·30	250	Sr. 2	..	.. ..	Dominion Oakdale
Victoria Domino Patch ..	3255	10.8.32	26½	11,238	3·63	407·84	330	Sr. 4	..	382, 372 ..	Victoria Patch
Department of Agriculture, Werribee, Red Poll (7).											
Victoria Braid ..	1654A	10.8.32	13	9,012	4·14	372·64	350	Mature	..	318, 368, 360	Belligerent
Victoria Purse	2332A	10.8.32	24½	8,561	4·97	425·11	330	Sr. 4	..	327, 318 ..	Victoria Air Marshall
Victoria Cross	2313A	13.8.32	7½	5,546	4·80	266·37	350	Mature	..	338, 298 ..	Belligerent
Victoria Nicotina ..	3027A	14.8.32	19½	6,794	4·76	323·30	230	Jr. 2	..	.. ..	Earl of Beaconsfield
Victoria Royal Ribbon ..	3036A	15.8.32	13½	5,877	4·97	291·98	250	Sr. 2	..	.. ..	Victoria Vice Royal
Victoria Nectar ..	1665A	24.8.32	11½	7,376	4·56	336·14	350	Mature	..	353, 304, 373	Belligerent
Victoria Eructation ..	3226C	30.8.32	9	7,923	4·65	368·81	270	Jr. 3	..	338 ..	Victoria Volcano
Victoria Blue Ribbon ..	1149A	6.9.32	11½	6,743	4·79	322·73	350	Mature	..	248, 359, 405, 398, 413	Earl of Beaconsfield
Victoria Piquant ..	2330A	11.9.32	8½	6,624	4·52	299·73	310	Jr. 4	..	275 ..	Vice Regal
*Victoria White Rose ..	1523AA	15.9.32	4	6,353	4·40	279·56	350	Mature	..	294, 302 ..	Belligerent
Victoria Cutty Sulu ..	1284C	19.9.32	16½	9,656	4·21	406·67	350	Mature	..	319, 428, 385, 459, 431, 390	Vice Regal
Victoria Rosarie ..	2759AA	20.9.32	10½	4,656	4·62	215·02	230	Jr. 2	..	.. ..	Victoria Major Royal
Victoria Majesty ..	2090AA	21.9.32	10	5,991	4·73	283·56	330	Sr. 4	..	219, 242 ..	Vice Regal
Victoria Blouse ..	2428B	22.9.32	8	5,966	5·37	320·40	330	Sr. 4	..	302, 303 ..	Victoria Bit-o-Bacca
Victoria Velvet Curl ..	1521A	22.9.32	5½	7,376	5·07	373·93	350	Mature	..	334, 337, 333	Belligerent
Desmond, J. J., Rochester, Jersey (9).											
Macroom Beauty Lass ..	28912	1.7.32	9½	6,011	6·09	366·10	290	Sr. 3	..	256, 363 ..	Belgonia Battery
Macroom Edna	Vol. 20	23.7.32	20½	6,963	5·46	380·30	230	Jr. 2	..	.. ..	Belgonia Battery
Macroom Sweet Nell ..	33277	26.7.32	18½	7,494	5·93	444·44	250	Sr. 2	..	314 ..	Belgonia Battery
Macroom Peggy ..	Vol. 20	6.8.32	13½	6,408	5·49	351·55	230	Jr. 2	..	.. ..	Belgonia Battery
Macroom Farm Lass ..	Vol. 20	6.8.32	18	6,996	4·89	342·17	230	Jr. 2	..	.. ..	Belgonia Battery
Waratta Ellen Bell ..	28661	21.8.32	20	8,619	5·23	450·43	350	Mature	..	392, 445, 479	Jubilee Lifelight
Macroom Countess ..	Vol. 20	1.9.32	16½	6,849	5·32	364·42	230	Jr. 2	..	.. ..	Belgonia Battery
Belgonia Peggy 7th ..	33276	3.9.32	15½	7,094	5·20	368·55	290	Sr. 3	..	312, 438 ..	Aerial of Banyule
Waratta Edna Bell ..	28660	14.9.32	14½	9,193	5·59	513·78	350	Mature	..	383, 409, 399	Jubilee Lifelight
†Preston Fern Dell ..	25355	23.9.32	4	6,480	4·86	314·88	350	Mature	..	241, 340, 381	Perree's Count of Glen Iris
Dick, J., Swan Hill, Ayrshire (1).											
Grand View Tinker Bell ..	21707	8.7.32	11½	5,673	4·60	261·19	290	Sr. 3	..	259 ..	Grand View Blazer
Grand View Lulu ..	21703	28.7.32	11½	7,452	4·49	334·29	310	Jr. 4	..	.. ..	Scotswood Snowball
Dickinson Bros., Sebastopol, Friesian (1).											
Ashby Bonnie June ..	2993	14.8.32	10	7,701	3·79	291·83	310	Jr. 4	..	296 ..	Ashby General Paul
Ashby Queenie 7th ..	2995	13.9.32	17½	8,243	3·78	311·23	310	Jr. 4	..	323 ..	Ashby General Paul
Dobson, R. J. M., Acheron Jersey (8).											
Wattle Grove Precious Pet	25843	1.7.32	21½	9,216	4·72	435·19	330	Sr. 4	..	337, 327, 303	Alert of Farringdon
Wattle Grove Pearl ..	37237	2.8.32	17	5,828	4·97	289·66	230	Jr. 2	..	.. ..	Admiral of Fairview
Wattle Grove Jeanette	25840	3.8.32	18½	7,904	4·88	385·38	330	Sr. 4	..	314, 363, 407	Alert of Farringdon
Wattle Grove Starbright	37239	28.8.32	17	7,314	5·22	381·64	230	Jr. 2	..	.. ..	Clarendon Eyre Eminent's Fortune Hunter
Wattle Grove Junee ..	23110	1.9.32	16	8,196	5·15	422·45	350	Mature	..	320, 400, 435, 390	Bosun of Meadowvale
Wattle Grove Sunbeam	25844	20·9·32	22½	10,280	4·64	477·46	350	Mature	..	386, 393, 421	Alert of Farringdon
Wattle Grove Jennifer J.	37235	24.9.32	17	6,068	4.90	297·13	230	Jr. 2	..	.. ..	Admiral of Fairview
Wattle Grove Jenny Wren	37236	25.9.32	16	7,208	4·94	356·35	230	Jr. 2	..	.. ..	Wattle Grove Jenner
Dookie Agricultural College, Dookie, Ayrshire (3).											
Dookie Posey ..	22688	12.7.32	16½	10,151	4·07	413·57	330	Sr. 4	..	362, 399 ..	Dookie Lovelace
Dookie Doe	17775	22.8.32	N.O.C.	11,736	4·53	531·29	350	Mature	..	371, 299, 398	Dookie Lovelace
Dookie Dinah ..	23665	20.9.32	29	11,003	4·46	490·46	270	Jr. 3	..	371 ..	Dookie Pater
Dowel, L. G., Jumbunna, Jersey (6).											
Lincondale Consent ..	33293	17.7.32	13	5,438	6·37	346·66	250	Sr. 2	..	238 ..	Gray King of St. Albans
Callemondah Dolores ..	37244	14.8.32	13	5,834	5·67	330·71	250	Sr. 2	..	255 ..	Noble 2nd of Bellaire
Callemondah Venus ..	..	27.8.32	10	6,558	5·17	339·01	290	Sr. 3	..	291 ..	Rosalind's Star of Brookfield
Bud of Linga Longa ..	13698	2.9.32	7½	6,759	5·70	385·59	350	Mature	..	188, 305, 302, 355, 451, 344	Dawn of Warenda
Callemondah Venus 2nd	Vol. 20	17.9.32	9	4,631	5·36	248·00	230	Jr. 2	..	.. ..	Callemondah Duke
Callemondah Duchess ..	C.R.	24.9.32	9	4,895	4·92	240·69	230	Jr. 2	..	.. ..	Noble 2nd of Bellaire

* 266 days in test. † 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Dowie, A. F., Carisbrook, Jersey (4).											
Balcairn Master's Dolly..	37249	7.7.32	12½	6,548	6·24	408·49	230	Jr. 2	..	272 ..	Balcairn Master's Musician
Kyora Naldera 3rd ..	C.R.	31.7.32	6½	3,583	6·16	220·80	230	Jr. 2	..	.. ..	Kyora Betty's Foch
Kameruka Masterpiece's Beauty	35988	3.8.32	10	5,640	5·73	323·08	270	Jr. 3	..	355 ..	Werribee Cream's Masterpiece
Kyora Reprieve's Adore	C.R.	19.8.32	15	4,359	5·36	233·63	230	Jr. 2	..	.. ..	Woodside Reprieve's Volunteer
Barcairn Raleigh's Music	37252	26.8.32	16	8,031	6·00	481·76	250	Sr. 2	..	405 ..	Werribee Raleigh
Downie Bros., Longwarry South, Ayrshire (7).											
Glen View Bobbie 2nd ..	21607	17.7.32	4	6,545	4·39	287·10	290	Sr. 3	..	177 ..	Gowrie Park Dairy Boy
Glen View Odette 2nd ..	21617	30.7.32	13½	7,076	4·13	291·95	290	Sr. 3	..	188 ..	Gowrie Park Dairy Boy
*Glen View Minnie 2nd	21614	6.8.32	4	4,785	4·38	209·43	310	Jr. 4	..	182 ..	Gowrie Park Dairy Boy
Glen View Brownie 4th	C.R.	22.8.32	12	6,732	4·75	319·50	230	Jr. 2	..	.. ..	Gowrie Park Dairy Boy
Glen View Trixie 2nd ..	C.R.	1.9.32	6	5,873	4·27	250·79	230	Jr. 2	..	.. ..	Gowrie Park Standard Bearer
Glen View Odette 3rd ..	C.R.	8.9.32	4½	5,472	4·37	239·14	270	Jr. 3	..	213 ..	Gowrie Park Dairy Boy
Glen View Bella 2nd ..	C.R.	9.9.32	11	6,993	3·86	270·18	270	Jr. 3	..	194 ..	Gowrie Park Dairy Boy
Glen View Innocence 2nd	23893	13.9.32	11½	6,729	5·00	336·77	250	Sr. 2	..	205 ..	Gowrie Park Dairy Boy
Glen View Tillie ..	C.R.	14.9.32	4½	4,377	4·47	195·77	250	Sr. 2	..	178 ..	Gowrie Park Dairy Boy
†Glen View Nessie ..	21615	15.9.32	4	4,695	4·22	197·94	310	Jr. 4	..	232 ..	Gowrie Park Dairy Boy
Glen View Nessie 2nd ..	C.R.	15.9.32	11	6,561	4·97	326·18	270	Jr. 3	..	226 ..	Gowrie Park Dairy Boy
Glen View Betty 2nd ..	21605	15.9.32	7	6,885	4·61	317·11	290	Sr. 3	..	220 ..	Gowrie Park Dairy Boy
*Glen View Ada 3rd ..	21602	19.9.32	4	5,325	4·55	242·28	310	Jr. 4	..	220 ..	Gowrie Park Dairy Boy
*y*Glen View Brownie 2nd	21607	21.9.32	4	6,488	4·45	289·04	310	Jr. 4	..	245 ..	Gowrie Park Dairy Boy
†Glen View Marie ..	21611	24.9.32	4	6,585	3·99	262·96	350	Mature	..	322 ..	Gold Coin of Fairfield
Ducat, P. J., and Sons, Ardmona, Jersey (2).											
Milkmaid of Airlie ..	18699	2.7.32	13½	5,352	5·35	286·18	350	Mature	..	.. ..	Maybe of Banyule
Rosebud of Jersey Vale	14976	11.7.32	14	6,242	5·33	332·83	350	Mature	..	174, 189, 388, 344	Choice 2nd of Tarnpirr
Airlie Mardi 2nd ..	Vol. 20	5.8.32	13	6,042	5·30	320·36	230	Jr. 2	..	.. ..	Maybe of Banyule
Airlie Handsome Girl 2nd	Vol. 20	7.8.32	8	3,417	6·67	227·85	250	Sr. 2	..	.. ..	Hedge of Banyule
Buttercup 3rd of Airlie..	18695	31.8.32	23½	10,608	5·39	571·44	350	Mature	..	306, 388, 423, 491, 535	Maybe of Banyule
Airlie Beatrice 2nd ..	Vol. 20	21.9.32	10½	5,072	5·50	278·78	290	Sr. 3	..	300, 248 ..	Hedge of Banyule
Dwyer, G., Balwyn, Jersey (2).											
Karalee Lola	Vol. 20	30.7.32	12½	5,502	5·59	307·47	230	Jr. 2	..	.. ..	Karalee Volunteer 4th
Karalee Mimi	Vol. 20	22.8.32	8	4,871	5·18	252·14	230	Jr. 2	..	.. ..	Karalee Volunteer 4th
Edwards, T. J., Sale, Jersey (3).											
Sunny Brae Poppy ..	26364	13.8.32	16	6,506	6·29	408·92	330	Sr. 4	..	237, 354, 425	Rosemont Primrose 2nd's Noble
Chandos Fairy	37312	22.8.32	22	6,483	6·72	435·88	230	Jr. 2	..	320 ..	Fairbank Peter
Fairholme Prince's Lady	37317	7.9.32	30	8,816	5·67	499·85	250	Sr. 2	..	328 ..	Prince Rinda
Eldridge, A. J., Noorat, Friesian (3).											
Springvale May Inka ..	3733	25.8.32	26	12,069	3·98	480·60	230	Jr. 2	..	.. ..	Bolobek Top Gallant
Springvale Topsy Patch	3735	27.8.32	32	10,992	3·86	424·49	230	Jr. 2	..	.. ..	Bolobek Top Gallant
St. Alban's Cordyline ..	2590	7.9.32	28	10,976	3·73	409·39	350	Mature	..	321, 331, 279, 351	St. Alban's May Queen's Netherland Prince
Emmett, W. H., Stanhope, Jersey (10).											
‡Shenstone Amber ..	C.R.	1.7.32	20½	6,360	5·24	333·16	230	Jr. 2	..	.. ..	Montrose Dancer of Glen Iris
Shenstone Marchfly ..	C.R.	1.7.32	13½	5,150	5·02	258·62	230	Jr. 2	..	.. ..	Boveagh White Knight
Five Gums Primula 6th ..	37335	2.7.32	11½	5,657	6·35	359·48	230	Jr. 2	..	.. ..	Staghorn Clementine's Masterpiece
Preston Fern Spray ..	33980	12.7.32	11½	5,463	5·44	297·06	270	Jr. 3	..	318 ..	Preston Pretty Boy
Taranah Rosina ..	29087	11.8.32	13½	6,188	6·64	410·61	290	Sr. 3	..	235, 338 ..	Royal Rose's Choice of Tarnpirr
Coolwoola Marchfly 4th ..	33929	25.8.32	13½	8,058	5·47	440·77	330	Sr. 4	..	324 ..	Mercedes Golden Prince of Glen Iris
Kantara Daffodil ..	33676	3.9.32	11	6,939	5·05	350·59	270	Jr. 3	..	328 ..	Valiant Count of Glen Iris
Kings' Vale Linda 79th ..	32880	10.9.32	7	4,602	6·44	296·48	250	Sr. 2	..	273 ..	King's Vale Rosella 12th's Lad
Preston Sunflower ..	33981	14.9.32	8	7,428	5·28	392·10	270	Jr. 3	..	337 ..	Preston Merry Lad
King's Vale Linda 81st ..	32881	21.9.32	8	5,949	6·55	389·82	250	Sr. 2	..	292 ..	King's Vale Rosella 12th's Lad
Enders, A. E., Stanhope, Friesian (2).											
§Eurobin Delhurst Queen	C.R.	17.7.32	..	7,015	3·68	258·09	230	Jr. 2	..	.. ..	Netherlea Majoe Dutchman
§Burnbank Matador Patch	C.R.	2.8.32	..	10,955	3·45	378·44	290	Sr. 3	..	403 ..	Dominion Joe Segis Matador

* 210 days in test. † 240 days in test. ‡ 258 days in test. § 210 days. Herd withdrawn. *y* 255 days.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Enders, N. H., Stanhope, Jersey (19).											
The Wattles Duchess 4th	37343	29.6.32	20½	5,959	5·11	355·66	230	Jr. 2	..	..	Prince of The Wattles
The Wattles Snowflake ..	33991	1.7.32	20	8,172	5·48	448·03	250	Sr. 2	..	339	Prince of The Wattles
The Wattles Foxglove ..	37344	22.7.32	22	7,011	5·12	358·70	230	Jr. 2	..	..	Prince of The Wattles
Locklea Seville Orange ..	23401	23.7.32	28	10,103	5·51	557·12	350	Mature	..	533, 536	Prince of Wales of Hillcrest
Rintoul View Petal ..	37339	25.7.32	27	7,782	6·23	484·44	230	Jr. 2	..	..	Banyule Triplane
The Wattles Lizzie Birt	23124	26.7.32	30	10,817	5·54	599·77	350	Mature	..	286, 509, 506, 604	Prince of Wales of Hillcrest
Rintoul View Moleen ..	37338	27.7.32	27	7,854	6·30	495·08	230	Jr. 2	..	..	Banyule Triplane
Banyule Silvermine 61st..	29035	8.8.32	26½	10,145	5·48	555·56	270	Jr. 3	..	490	Banyule Air Pilot
The Wattles Myra's Choice	25870	12.8.32	25½	10,367	6·16	638·95	330	Sr. 4	..	405, 501, 544	Choice Prince of Belgonia
The Wattles Molly 2nd ..	37347	12.8.32	29	8,307	5·34	443·69	230	Jr. 2	..	..	Banyule Lord Silvain
The Wattles Duchess 3rd	33984	20.8.32	26	9,122	5·97	544·44	250	Sr. 2	..	411	Choice Prince of Belgonia
The Wattles Betty ..	33982	27.8.32	17	7,737	5·74	443·87	250	Sr. 2	..	328	Choice Prince of Belgonia
The Wattles Fairy ..	25869	4.9.32	32	10,968	5·30	581·55	330	Sr. 4	..	403, 476	Choice Prince of Belgonia
The Wattles Marie ..	33986	5.9.32	24	9,726	5·30	515·51	270	Jr. 3	..	418	Prince of The Wattles
The Wattles Lady ..	33985	9.9.32	20½	7,412	6·45	477·73	270	Jr. 3	..	323	Choice Prince of Belgonia
The Wattles Romany Lass	25872	18.9.32	24	8,150	6·32	514·97	350	Mature	..	446	Choice Prince of Belgonia
The Wattles Joy ..	37346	23.9.32	30½	11,739	5·15	604·88	250	Sr. 2	..	463	Choice Prince of Belgonia
The Wattles Tulip ..	25873	24.9.32	20½	8,418	5·64	474·49	350	Mature	..	341, 342	Prince of The Wattles
The Wattles Gipsy Queen	33327	24.9.32	22	9,125	5·57	508·21	310	Jr. 4	..	361, 384	Prince of Wales of Hillcrest
Esler, G., Tongala, Jersey (11).											
Maiwand Pansy ..	37360	1.7.32	20	7,303	5·87	428·76	250	Sr. 2	..	331	Duke of Belgonia
Maiwand Floss ..	25878	10.7.32	23½	8,505	5·16	438·99	350	Mature	..	321, 350, 457, 488	Duke of Belgonia
Maiwand Princess ..	23128	11.7.32	18½	7,557	5·07	383·09	350	Mature	..	208, 356, 353, 329, 458	Duke of Belgonia
Maiwand Daffodil ..	37353	13.7.32	19½	8,213	5·41	444·30	250	Sr. 2	..	366	Duke of Belgonia
Maiwand Countess ..	37352	14.7.32	14	6,118	5·42	331·69	250	Sr. 2	..	334	Duke of Belgonia
Maiwand Violet ..	25884	17.7.32	17	7,460	5·40	403·20	350	Mature	..	300, 379, 428	Maiwand Chief
Maiwand Iris	37356	19.7.32	16	6,537	5·36	350·25	230	Jr. 2	..	..	Maiwand Mischief
Maiwand Mystery ..	37359	1.9.32	12	9,338	5·51	514·24	250	Sr. 2	..	324	Duke of Belgonia
Maiwand Buttercup 2nd..	37351	13.9.32	10½	6,125	4·92	301·58	230	Jr. 2	..	..	Duke of Belgonia
Maiwand Buttercup ..	28688	24.9.32	9	7,884	4·44	349·68	290	Sr. 3	..	258, 358	Duke of Belgonia
Maiwand Hyacinth ..	37355	25.9.32	14½	7,853	5·82	457·26	270	Jr. 3	..	407	Duke of Belgonia
Evans, A., Heywood, Jersey (5).											
Boronia Farm Lassie ..	37364	2.8.32	14	5,922	5·38	318·78	230	Jr. 2	..	..	Boronia Farm Prince
Rosemont Lassie Fowler 3rd	26065	9.8.32	14½	8,112	5·69	461·80	350	Mature	..	252, 403, 443	Rosella 2nds Noble of Rosemont
Comfrey of Springhurst ..	16332	25.8.32	N.O.C.	8,727	4·21	367·03	350	Mature	..	432, 459, 439, 380, 376	Alloy of Banyule
Boronia Farm Amy ..	37362	31.8.32	N.O.C.	5,780	5·20	300·75	230	Jr. 2	..	..	Boronia Farm Prince
Boronia Farm Alfalfa ..	37361	1.9.32	10	5,181	5·46	282·95	230	Jr. 2	..	..	Boronia Farm Prince
Fairchild and Clutterbrick, Tinamba, Jersey (1).											
Pansy of Enterprize ..	16764	27.7.32	13	7,248	5·43	393·87	350	Mature	..	334, 339, 430, 386	Royal Gem of Somerville
Findlay, G. M., Leitchville, Jersey (5).											
Leven Brae Madeira's Dainty	Vol. 20	31.7.32	21	8,068	5·88	474·09	230	Jr. 2	..	..	Werribee Gaypiece
Leven Brae Peeress 5th ..	Vol. 20	29.8.32	18	6,750	5·30	357·80	230	Jr. 2	..	..	Werribee Gaypiece
Leven Brae Mary Florence	Vol. 20	29.8.32	17½	6,366	5·89	374·80	230	Jr. 2	..	..	Leven Brae Perree's Masterpiece
Leven Brae Rosabelle ..	Vol. 20	31.8.32	13½	4,913	6·54	321·31	230	Jr. 2	..	..	Werribee Gaypiece
Leven Brae Empress ..	28925	13.9.32	20	10,379	4·58	474·97	350	Mature	..	309, 318, 436	Twylish's Fox of Colac
Findlay, T. R., Leitchville, Jersey (5).											
Leven Brae Gay Capture	37375	5.7.32	21½	7,361	5·71	420·07	230	Jr. 2	..	..	Werribee Gaypiece
Leven Brae Masterpiece's Dulcie	23137	9.8.32	12	10,292	5·27	542·75	350	Mature	..	307, 318, 396, 431, 497	Werribee Fancy's Masterpiece
Leven Brae Gay Mistress	C.R. 37378	22.8.32	19½	6,449	5·58	360·04	230	Jr. 2	..	..	Werribee Gaypiece
Leven Brae Joyce ..		7.9.32	11	7,872	5·80	456·62	270	Jr. 3	..	261, 358	Werribee Gaypiece
Leven Brae Queen ..	23139	8.9.32	18½	8,409	5·80	487·49	350	Mature	..	335, 422, 406, 388, 421	Twylish's Fox of Colac
Fisken, A. C., Yendon, Dairy Shorthorn (1).											
*Morven Cressida 28th ..	Vol. 1 D.S.H.B.	5.8.32	4	5,895	4·26	251·22	330	Sr. 4	..	189, 193, 221	Connaught 60th
*Morven Duchess 43rd ..	Vol. 1 D.S.H.B.	6.8.32	4	6,645	3·45	229·20	350	Mature	..	210, 222	Morven Western Duke 15th
Morven Cressida 22nd ..	Vol. 1 D.S.H.B.	15.8.32	21	10,605	3·67	389·71	350	Mature	..	282, 282, 298	Connaught 60th
Fixter, A., Boisdale, Guernsey (1).											
Avonview Dulcie ..	2537	3.9.32	11½	5,138	6·18	317·46	250	Sr. 2	..	294	Melbourne Sandboy 6th
Fixter, W., Boisdale, Jersey (1).											
Olivedale Vanilla ..	Vol. 20	16.7.32	15½	5,691	5·88	334·47	230	Jr. 2	..	..	Studleigh Dandy

* 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Foster, Bros. Boisdale, Jersey (2).											
Heather 3rd of Springhurst	18931	13.7.32	24	9,219	5·36	494·52	350	Mature	..	316, 364, 437, 393	Alloy of Banyule
Brunette 18th of King's Vale	16581	31.7.32	12½	7,382	6·06	447·49	350	Mature	..	256, 348, 405, 392, 388	Rosella's V.C. of King's Vale
Tulip 3rd of Springhurst	16973	23.9.32	15½	7,025	4·95	347·94	350	Mature	..	328, 393, 471, 369, 410, 373	Alloy of Banyule
Fraser, G. A., Addington, Ayrshire (—).											
Tooleen Winnie ..	14895	3.7.32	7	5,919	4·42	261·68	350	Mature	..	.. ..	Peer 2nd of Glengowrie
Freestone, P., Murchison, Jersey (1).											
Jersey Vale Duchess ..	34008	31.7.32	19	7,045	5·97	420·92	270	Jr. 3	..	260 ..	Princess 2nds Twylish of Grangelea
Fuller, S. R., Tongala, Jersey (1).											
Esperance Joybell's Princess	Vol. 20	15.7.32	13	4,023	6·04	243·05	230	Jr. 2	..	.. ..	Ballara Masterpiece
Esperance Joy Bell ..	24376	29.8.32	14½	5,354	5·95	318·43	350	Mature	..	435, 465 ..	Werribee Madeira Creams Masterpiece
Gange, Mrs. E. M., Werribee, Ayrshire (5).											
Roseleigh Promise ..	24314	19.7.32	18½	7,482	4·35	325·45	230	Jr. 2	..	.. ..	Roseleigh Advance
*Roseleigh Glitter ..	23208	19.7.32	4	6,510	4·10	266·98	270	Jr. 3	..	.. ..	Roseleigh Baronet
Roseleigh Dorothy ..	20693	20.7.32	21	7,863	4·36	343·02	350	Mature	..	267, 361 ..	Roseleigh Allen
Roseleigh Brilliant ..	24307	20.7.32	12	6,495	4·48	291·11	230	Jr. 2	..	.. ..	Roseleigh Advance
Roseleigh Rosette ..	24317	21.7.32	13½	5,939	4·76	282·56	230	Jr. 2	..	.. ..	Roseleigh Advance
Roseleigh Edna ..	23267	4.9.32	14	9,270	4·48	415·56	270	Jr. 3	..	.. ..	Roseleigh Baronet
Roseleigh Wanda ..	24319	6.9.32	16	9,113	4·04	367·94	230	Jr. 2	..	.. ..	Roseleigh Advance
Gardener Bros., Welshpool, Jersey (15).											
Lauriston Mu ical Princess	34016	20.7.32	9½	6,198	5·12	317·13	290	Sr. 3	..	226 ..	Musician of Warenda
Lauriston Charming Belle	24356	2.8.32	12	6,579	5·45	358·61	350	Mature	..	215, 283, 335, 335	Maudbank Hero
Lauriston Island Pansy ..	37408	16.8.32	12	6,024	5·76	347·03	230	Jr. 2	..	.. ..	Jerseyholm Island King
Lauriston Island Belle ..	37407	19.8.32	9	4,742	6·27	297·39	230	Jr. 2	..	.. ..	Jerseyholm Island King
Lauriston Lady Twylish ..	25891	24.8.32	9	7,407	4·80	355·78	330	Sr. 4	..	249, 302, 288	Lauriston Twylish Nobility
Lauriston Noble Belle ..	28705	27.8.32	4	5,441	5·48	298·33	290	Sr. 3	..	244, 244 ..	Lauriston Twylish Nobility
Lauriston Lotus Queen ..	37409	27.8.32	9½	5,078	5·51	279·86	230	Jr. 2	..	.. ..	Lauriston Twylish Nobility
Lauriston Lady Twylish 2nd	34015	27.8.32	11	6,354	5·65	359·09	250	Sr. 2	..	307 ..	Lauriston Twylish Nobility
Lauriston Cream Belle ..	24357	27.8.32	9½	7,310	5·35	391·05	350	Mature	..	244, 291, 333, 342	Musician of Warenda
Lauriston Butter Belle ..	28704	9.9.32	8½	6,737	5·24	353·25	290	Sr. 3	..	251, 307 ..	Lauriston Twylish Nobility
Lauriston Brown Duchess	18720	10.9.32	7	7,002	5·45	381·39	350	Mature	..	215, 239, 294, 248, 364, 321	Duke of Willis Vale
Lauriston Island Lady ..	34013	15.9.32	9	5,432	5·82	316·02	250	Sr. 2	..	239 ..	Jerseyholm Island King
Lauriston Twylish Belle	34017	21.9.32	9	6,255	5·63	351·91	270	Jr. 3	..	261 ..	Lauriston Twylish Nobility
Lauriston Lady Lotus 2nd	34014	23.9.32	8	6,044	6·01	363·26	270	Jr. 3	..	218 ..	Lauriston Twylish Nobility
Lauriston Golden Belle ..	34012	24.9.32	9½	7,041	4·94	347·52	250	Sr. 2	..	241 ..	Lauriston Twylish Nobility
Gay, R. G., North Devon, Jersey (9).											
Elm Grove Lady Fowler	34021	3.8.32	17	8,112	6·10	495·03	270	Jr. 3	..	326 ..	Gold Star of Melrose
Elm Grove Dairymaid ..	25899	14.8.32	20½	8,586	5·45	467·94	350	Mature	..	280, 262, 417	Gold Star of Melrose
Elm Grove Blue Bell ..	33355	15.8.32	13	6,393	6·60	421·81	290	Sr. 3	..	314, 325 ..	Elm Grove Royal Lad
Elm Grove Silver Belle ..	23159	24.8.32	11	7,052	6.78	477.92	350	Mature	..	296, 338, 423, 441	Gold Star of Melrose
Dairymaid 5th of Waterloo Farm	17743	25.8.32	20½	9,909	4·49	444·74	350	Mature	..	422, 431, 460, 419	Prince Renard
Linda 63rd of King's Vale	18672	25.8.32	18½	10,194	5·03	512·35	350	Mature	..	428, 508, 452	Rosella's V.C. of King's Vale
Warenda La Charme 6th	37417	29.8.32	15½	7,265	5·46	396·59	270	Jr. 3	..	.. ..	Warenda Snap
Elm Grove Alfalfa ..	34020	1.9.32	13½	6,260	6·11	382·31	250	Sr. 2	..	272 ..	Clarendon Eyre Silver King
Elm Grove Laura ..	37416	24.9.32	12½	5,007	5·64	282·61	230	Jr. 2	..	.. ..	Gold Star of Melrose
Gibson Bros., Trafalgar, Jersey (5).											
Spring Daisy of Hillcrest†	17744	21.7.32	7½	8,064	5·58	450·17	350	Mature	..	287, 396, 460, 483	Relbia Nap
*Leathorne Cream Belle	24363	7.8.32	18	7,050	5·15	362·97	350	Mature	..	305, 386, 401	King of Kings of St. Albans
*y*Leathorne Laurette ..	33372	12.9.32	15½	4,890	6·08	297·09	290	Sr. 3	..	321, 358 ..	Mercedes Gipsy Boy of Glen Iris
*y*Leathorne Viola ..	34037	14.9.32	10½	3,795	6·61	250·89	230	Jr. 2	..	.. ..	Leathorne Cream Chief
*y*Leathorne Tulip ..	37435	2.9.32	12½	4,395	5·46	239·76	230	Jr. 2	..	.. ..	Mercedes Gipsy Boy of Glen Iris

* 240 days in test. † 253 days in test. *y* 210 days in test. Herd withdrawn.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Gorman, A. W., Alexandra, Ayrshire (7).											
Cathcart Mayflower ..	19719	25.7.32	18	8,687	5·30	460·60	290	Sr. 3	..	378 ..	Cathcart Mentor
Cathcart Lady Mac ..	19717	5.8.32	8	7,683	5·36	411·92	290	Sr. 3	..	298 ..	Poppy's Advance of Ben Kell
Cathcart Music ..	21142	5.8.32	17½	7,884	4·45	350·89	250	Sr. 2	..	.. ..	Poppy's Advance of Ben Kell
Cathcart Marion ..	21139	19.8.32	10½	7,322	4·65	340·10	250	Sr. 2	..	264 ..	Ben Kell Watford
Cathcart Winsome ..	22594	2.9.32	13½	6,664	4·76	317·26	230	Jr. 2	..	.. ..	Poppy's Advance of Ben Kell
Favourite of Cathcart ..	12141	4.9.32	27½	11,243	4·69	527·82	350	Mature	..	254, 270, 290, 399, 440, 419	Poppy's Advance of Ben Kell
Cathcart Bridesmaid ..	22588	18.9.32	15	7,313	4·31	315·41	230	Jr. 2	..	.. ..	Ben Kell Watford
Gregg, V., Whittlesea, Jersey (1).											
Stoneycroft Miss Catherine	37437	9.9.32	9	7,317	4·77	349·33	270	Jr. 3	..	268 ..	Kantara Don Juan.
Handbury, J. E. and Sons, Toora, Jersey (8).											
Tooravale Clover 2nd ..	28729	13.7.32	18½	7,917	5·90	467·16	330	Sr. 4	..	337, 415 ..	Tooravale Goldspeck
Tooravale Lassie 8th ..	C.R.	15.7.32	10½	5,150	6·83	351·85	230	Jr. 2	..	.. ..	Tooravale Goldspeck
Tooravale Lassie 2nd ..	25904	21.7.32	23½	8,726	6·50	566·93	350	Mature	..	310, 408, 450	Welkin of Melrose
Tooravale Starleigh 3rd ..	25904	23.7.32	7½	4,866	6·39	310·75	330	Sr. 4	..	261, 357, 328	Welkin of Melrose
Tooravale Princess 4th ..	28738	13.8.32	10½	6,020	6·04	363·55	310	Jr. 4	..	244 ..	Tooravale Goldspeck
Tooravale Princess 3rd ..	28737	22.8.32	9½	5,384	6·34	341·48	310	Jr. 4	..	212, 295 ..	Welkin of Melrose
Tooravale Lassie 5th ..	28731	27.8.32	13	6,199	7·06	432·13	290	Sr. 3	..	297, 370 ..	Welkin of Melrose
Tooravale Starleigh 7th ..	Vol. 20	28.8.32	9½	3,564	6·53	232·81	230	Jr. 2	..	.. ..	Tooravale Goldspeck
Tooravale Lassie 9th ..	Vol. 20	5.9.32	8½	4,481	6·55	293·67	230	Jr. 2	..	.. ..	King's Vale Monica 17th's Son
Handley, S. C., Dandenong, Jersey (2).											
Barrowby Queen ..	34057	8.8.32	14½	6,456	6·01	388·26	270	Jr. 3	..	311 ..	Barrowby Prince Jewel
Sunbeam of Enterprize ..	19021	5.9.32	17	7,664	5·86	449·27	350	Mature	..	417, 440, 392, 421	Royal Gem of Somerville
Harker, W. T., Caldermeade, Ayrshire (0).											
*Wayside Boronia ..	25552	31.8.32	4	3,375	4·71	158·85	230	Jr. 2	..	.. ..	Blair Athol Hot Stuff
†Tinkle of Wayside ..	14908	17.9.32	4	6,345	4·65	295·33	350	Mature	..	282, 333, 298, 290	Patrician of Glengowrie
Harvey, T., Boisdale, Jersey (4).											
Empress 6th of Jerseyholm	18733	4.7.32	27½	10,814	5·13	554·83	350	Mature	..	329, 445, 491, 618	Handsome Boy 5th of Melrose
Jerseyholm Kirsty 24th	34064	11.7.32	19	6,779	6·30	427·04	250	Sr. 2	..	.. ..	Lord Island Fancy of Brucevale
Jerseyholm Empress 20th	34062	16.9.32	14	6,388	5·64	360·10	250	Sr. 2	..	.. ..	Lord Island Fancy of Brucevale
Jerseyholm Empress 14th	25399	23.9.32	16½	8,204	6·03	494·60	330	Sr. 4	..	277 ..	Lord Island Fancy of Brucevale
Hayes, E. P., Loch, Jersey (8).											
Waterloo Farm Rose 2nd	25373	2.7.32	17	6,996	5·96	416·85	350	Mature	..	383, 346, 351	Prince Renard
Speck of Linga Longa ..	21113	13.7.32	16	7,085	6·23	441·73	350	Mature	..	196, 416, 366, 378	Modesta Jolly Boy
Elmwood Cloverleaf ..	34082	25.7.32	13	5,828	5·50	320·57	250	Sr. 2	..	247 ..	Elmwood Beauty Prince
Cosma's Silver Star ..	25405	11.8.32	15	6,725	6·17	415·11	330	Sr. 4	..	415 ..	Master Clement of Glen Iris
Cosma's Golden Star ..	25402	18.8.32	13	6,360	6·33	402·46	330	Sr. 4	..	338, 401 ..	Master Clement of Glen Iris
Jubilee Desertpea ..	33662	23.8.32	10	7,085	5·39	381·80	310	Jr. 4	..	288 ..	Jubilee Wheatlight
Jubilee Rhus	37515	14.9.32	9	6,963	4·88	339·84	250	Sr. 2	..	267 ..	Jubilee Wheatlight
Glady's Park Melody's Beauty	Vol. 20	18.9.32	9	6,410	4·39	281·28	230	Jr. 2	..	.. ..	Werribee Bluebell's Masterpiece
Henderson, R., and Son, Macorna, Ayrshire (3).											
Grand View Blossom ..	20279	10.8.32	23	10,424	4·76	495·77	350	Mature	..	340, 421, 416	Dudley of Oakbank
Rippon Lea Beryl ..	22034	27.8.32	21½	9,843	4·59	451·84	270	Jr. 3	..	.. ..	Lloyd of Cathcart
Cathcart Dora	14841	2.9.32	N.o.c.	8,265	4·91	405·52	350	Mature	..	351 ..	Poppy's Advance of Ben Kell
Henderson, W., Dennington, Ayrshire (0).											
†Coral 9th of Carracoorte	13612	2.7.32	4	4,860	4·78	232·44	350	Mature	..	233, 336, 226, 267, 316	Maxwell of Sparrovale
Carracoorte Sparkle 6th..	15862	15.7.32	12	6,630	4·85	321·29	350	Mature	..	278, 248, 308	Leader of Cathcart
‡Carracoorte Iris 7th ..	17465	27.7.32	4	5,175	4·41	228·15	350	Mature	..	202, 171, 239, 200, 208	Gerty's Producer of Carracoorte
‡Fennella 7th of Carracoorte	9355	12.8.32	4	6,615	4·52	298·89	350	Mature	..	232, 229, 188, 325, 402, 314, 348, 290, 315	Lord Dudley of Gowrie Park
‡Carracoorte Lucy 12th..	23551	12.9.32	4	4,785	5·14	245·73	270	Jr. 3	..	242 ..	Gerty's Producer of Carracoorte
†Carracoorte Rosebloom 11th	21134	17.9.32	4	4,260	4·85	206·64	350	Mature	..	156, 249, 243, 250, 226	Maxwell of Sparrovale

* 180 days in test. † 210 days in test. ‡ 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Henderson, W., Grasmere, Ayrshire (13).											
*Carracoorte Blanche 7th	23545	4.7.32	4	4,425	4·48	198·12	270	Jr. 3	..	143 ..	Carracoorte Lochiel
†Carracoorte Brownell 2nd	22586	17.7.32	13	6,570	5·24	344·09	330	Sr. 4	..	273, 304 ..	Sabistian of Sparrovale
Carracoorte Minnie 5th ..	17473	16.8.32	5½	7,520	5·31	399·25	350	Mature	..	289, 275, 339	Gerty's Producer of Carracoorte
Carracoorte Bellona 11th	19680	18.8.32	20	9,546	3·97	379·02	290	Sr. 3	..	227, 264 ..	Leader of Cathcart
Carracoorte Bunty 14th..	23548	30.8.32	5½	4,634	4·57	211·68	270	Jr. 3	..	295 ..	Carracoorte Lochiel
Carracoorte Iris 11th ..	19696	30.8.32	11½	8,607	4·68	402·51	290	Sr. 3	..	250, 324 ..	Bluebell's Pride of Glencourt
Carracoorte Viola 18th ..	24710	30.8.32	14½	7,122	4·69	333·94	250	Sr. 2	..	.. ..	Bluebell's Pride of Glencourt
Carracoorte Pearl 11th ..	23553	4.9.32	13	8,003	4·92	393·85	290	Sr. 3	..	307 ..	Carracoorte Lochiel
Carracoorte Balm 14th ..	24672	14.9.32	13	6,774	4·79	324·54	270	Jr. 3	..	.. ..	Bluebell's Pride of Glencourt
Carracoorte Iris 9th ..	17467	16.9.32	16½	10,307	4·03	415·62	330	Sr. 4	..	318, 328 ..	Leader of Cathcart
Carracoorte Viola 17th ..	23554	16.9.32	10½	6,443	5·34	343·81	270	Jr. 3	..	308 ..	Bluebell's Pride of Glencourt
Carracoorte Lucy 14th ..	24793	17.9.32	17½	6,191	4·91	304·15	230	Jr. 2	..	.. ..	Bluebell's Pride of Glencourt
Carracoorte Brownie's Pet 2nd	24682	18.9.32	19	7,575	4·95	375·28	270	Jr. 3	..	.. ..	Carracoorte Lochiel
Sparrovale Buttercup ..	16646	20.9.32	6	7,757	4·57	354·29	350	Mature	..	269, 290, 321, 227	Jamie of Sparrovale
Carracoorte Brownie's Belle	23547	23.9.32	4½	5,909	6·01	355·32	270	Jr. 3	..	260 ..	Gerty's Producer of Carracoorte
Hercus, T. B., Hayanmi, Jersey (4).											
Ballara Violet 4th ..	33838	2.8.32	19	6,633	6·07	402·40	250	Sr. 2	..	395 ..	Brucevale Lord Fancy Madeira
Mologa Bell	Vol. 20	24.8.32	16	6,705	5·15	345·29	230	Jr. 2	..	.. ..	Belgonia Hinkler
Mologa Beauty ..	25937	5.9.32	21½	10,385	4·85	503·26	350	Mature	..	426 ..	Delight of Melrose
Mologa Princess ..	37560	7.9.32	11	4,968	5·28	262·28	230	Jr. 2	..	.. ..	Mologa Admiral
Holbing, L. W. C., Tongala, Jersey (3).											
Daisy 3rd of Rosemont ..	18853	20.8.32	9½	6,428	5·93	381·30	350	Mature	..	376, 406, 397	Rosella 2nds Noble of Rosemont
Eildon Actress 5th ..	Vol. 20	23.8.32	11	4,815	5·94	286·17	230	Jr. 2	..	.. ..	Ballara His Majesty
Eildon Choice Queen ..	25944	31.8.32	13½	8,849	4·68	414·11	350	Mature	..	350, 421, 392	Last Choice of Belgonia
Aveley Grevillea ..	24221	24.9.32	8	5,016	5·97	299·58	350	Mature	..	325, 391, 435	Choirmaster of Banyule
Hore, G. L., Horefield, Illawarra, Shorthorn (9).											
Horefield Coquette ..	Vol. 3	28.6.32	N.O.C.	4,854	4·44	215·31	230	Jr. 2	..	.. ..	Colmar of Aralabrad
Horefield Rita	Vol. 3	15.7.32	12	6,456	4·62	298·28	230	Jr. 2	..	.. ..	Colmar of Aralabrad
Lemon Grove Baby 5th..	1911	31.7.32	15	8,006	4·52	362·25	230	Jr. 2	..	.. ..	Dan's Earl of Lemon Grove
Kimo Alison	2788	21.8.32	17	9,798	4·64	454·42	250	Sr. 2	..	266 ..	Doncaster of Darbalara
Alne Bank Fashion 10th	1068	28.8.32	16	9,624	4·14	398·32	270	Jr. 3	..	308 ..	Don of Greyleigh
Viola 39th of Darbalara..	16944	11.9.32	20½	11,076	3·98	441·31	350	Mature	..	220, 317 ..	Limelight of Darbalara
†Alne Bank Della 2nd ..	1915	12.9.32	4	6,495	4·58	297·68	290	Sr. 3	..	304 ..	Royal Light of Alne Bank
Horefield Vera	5034	21.9.32	12	5,654	4·63	261·62	250	Sr. 2	..	234 ..	Colmar of Aralabrad
Horefield Venus ..	5033	24.9.32	10	6,185	4·39	271·43	250	Sr. 2	..	.. ..	Colmar of Aralabrad
Lemon Grove Cocky II.	1913	25.9.32	20½	6,990	4·45	310·80	250	Sr. 2	..	.. ..	Bruce of Greyleigh
Hore, M. T., Horefield, Friesian (1)											
¼Eurobin Oakwood Eclipse	3438	18.8.32	44	14,340	3·75	538·26	350	Mature	..	361, 395 ..	Burnbank Inka Sylvia Galatea
Howlett, E. H., Morwell, Jersey (4).											
R'dale Marie 4th ..	34089	10.8.32	8	5,990	6·65	398·45	290	Sr. 3	..	378 ..	Butterwinks 3rd of Jersey Hill
Latrobe Lorikeet 2nd ..	25420	15.8.32	8½	4,925	6·38	314·35	290	Sr. 3	..	211 ..	Superstrain of Banyule
Latrobe Lily 11th ..	28973	15.8.32	7½	6,602	4·98	329·04	250	Sr. 2	..	242 ..	Latrobe Molly's Airman
Latrobe Lily 3rd ..	24398	2.9.32	7½	5,448	5·23	284·71	350	Mature	..	193, 288, 299	Concentration of Banyule
Elderslie Blue Bell ..	28951	8.9.32	9	6,227	6·01	374·55	310	Jr. 4	..	257, 362 ..	Joystick of Banyule
Huffer, J. A., Gormandale, Jersey (16).											
Glen Valley Verbena's Boronia	34093	14.7.32	16½	7,108	6·36	451·73	250	Sr. 2	..	384 ..	Waverley's Count of Glen Valley
Glen Valley Rose Marie..	28983	17.7.32	15½	7,379	5·78	426·50	290	Sr. 3	..	300, 358 ..	Glen Valley Fancy Rose's Lad
Glen Valley Verbena 2nds Fairy	34094	19.7.32	12	6,390	6·33	404·28	270	Jr. 3	..	375 ..	Waverley's Count of Glen Valley
Glen Valley Cream Rose	28760	3.8.32	14	8,158	5·42	441·86	290	Sr. 3	..	317, 397 ..	Cream Lad of Mayland
Glen Valley Silver Sheen	34092	3.8.32	13	6,711	5·82	390·54	250	Sr. 2	..	406 ..	Waverley's Count of Glen Valley
Glen Valley Rosella ..	37611	4.8.32	13	5,198	6·34	329·74	230	Jr. 2	..	.. ..	Glen Valley Buttermaker Boy
Glen Valley Silver Belle..	25432	7.8.32	13	7,529	6·59	496·19	350	Mature	..	352, 431, 444	Waverley's Count of Glen Valley
Glen Valley Coral Sand 2nd	34090	21.8.32	14	6,906	5·63	388·51	250	Sr. 2	..	325 ..	Waverley's Count of Glen Valley

* 180 days in test. † 240 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Huffer, J. A., Gormandale, Jersey (16)—*continued.*											
Melrose Mercedes ..	34098	23.8.32	11	6,362	5·76	366·66	270	Jr. 3 ..		327 ..	Masterpiece
Glen Valley Waverley Lass 4th	34095	3.9.32	11½	7,068	6·06	428·60	270	Jr. 3 ..		351 ..	Waverley's Count of Glen Valley
Glen Valley Myrtle ..	37610	8.9.32	10½	5,152	5·95	306·39	230	Jr. 2 ..		.. ..	Waverley's Count of Glen Valley
Silversand of Glen Valley	18756	12.9.32	10½	6,922	5·54	383·33	350	Mature ..		359, 446, 472, 490, 429, 460	Pansy's Eminent of Rosemont
Glen Valley Sand Daisy..	37613	17.9.32	8½	4,092	5·01	205·13	230	Jr. 2 ..		.. ..	Glenallan Mariposa
Glen Valley Quick Countess	25430	19.9.32	13	8,299	6·12	508·19	330	Sr. 4 ..		392, 503 ..	Waverley's Count of Glen Valley
Wompini Mi Mi Rosette..	28985	20.9.32	13½	7,996	5·61	448·74	290	Sr. 3 ..		319, 383 ..	Werribee Masterman
Glen Valley Verbena 2nd	25433	20.9.32	10½	7,347	6·16	452·80	350	Mature ..		325, 371, 456	Cream Lad of Mayland
Glen Valley Waverley Lass 3rd	28761	21.9.32	11½	5,991	6·71	401·79	290	Sr. 3 ..		280, 301 ..	Cream Lad of Mayland
Huggins, R. E., Bullarook, Jersey (4).											
Delmont Dolores ..	28762	16.8.32	13	6,476	6·92	447·83	290	Sr. 3 ..		366, 435 ..	Werribee Wyandotte King
Banyule Petal 2nd ..	33418	16.8.32	18½	7,410	5·58	413·23	270	Jr. 3 ..		377 ..	Air Lord of Banyule
Delmont Medusa ..	28763	10.9.32	18	7,974	5·93	473·10	290	Sr. 3 ..		420, 406 ..	Werribee Wyandotte King
Murona Beauty ..	24408	21.9.32	15	7,542	6·11	460·47	350	Mature ..		370, 383, 377	Grant's Twylish of Merivale
Hull, R. G., Dunach, via Talbot, Jersey (2).											
Avalon Gladstar Pansy 4th	36824	14.9.32	7	5,477	6·18	338·45	270	Jr. 3 ..		293 ..	Avalon Gladstar 2nd
Avalon Mercedes 14th Pansy	36826	26.9.32	9½	6,969	6·04	420·82	270	Jr. 3 ..		350 ..	Avalon Mercedes Chief 14th
Hurley, P. and Sons, Murraydale, Jersey (3).											
Hazelgrange Frolic ..	33887	12.7.32	17	6,129	5·29	324·32	250	Sr. 2 ..		.. ..	Master Clement of Glen Iris
Hazelgrange Treasure's Princess	Vol. 20	10.8.32	18	6,897	5·04	347·71	230	Jr. 2 ..		.. ..	Master Clement of Glen Iris
Dumfries Sylvie ..	24585	8.9.32	6½	6,500	4·90	318·41	350	Mature ..		301, 345 ..	Dumfries Minnie's Eminent Boy
Hazelgrange Sylvie ..	33893	10.9.32	15½	6,970	4·51	314·38	270	Jr. 3 ..		.. ..	Dumfries Minnie's Eminent Boy
Hurrey, W. H., Koonwarra, Jersey (15).											
Kooreena Maranta ..	25951	17.8.32	14	6,779	6·39	433·22	330	Sr. 4 ..		322, 415, 440	Kooreena Carrie 3rd's Idol
Kooreena Lulu 2nd ..	25950	17.8.32	13½	6,027	6·48	390·43	330	Sr. 4 ..		293 ..	Columbine's Defiance of Linga Longa
Koorweena Lulu ..	23222	18.8.32	13	6,639	5·70	378·54	350	Mature ..		286, 367, 396, 401, 441	Makarini of Roelands
Kooreena Lulu 4th ..	34102	21.8.32	9½	4,316	6·86	295·97	250	Sr. 2 ..		.. ..	Kooreena Carrie 3rd's Delegate
Kooreena Mourier Queen	25953	22.8.32	10½	6,602	6·24	412·01	330	Sr. 4 ..		311, 413, 405	Kooreena Carrie 3rd's Idol
Kooreena Lulu 3rd ..	28774	31.8.32	12	6,819	6·24	425·23	290	Sr. 3 ..		281, 401 ..	Kooreena Carrie 3rd's Delegate
Blackwood Valley Little Queen	23221	4.9.32	11½	7,358	6·36	467·88	350	Mature ..		285, 297, 398, 429, 432	Retford Mourier Lad
Kooreena Lady 2nd ..	C.R.	6.9.32	13½	6,173	5·91	364·85	230	Jr. 2 ..		.. ..	Kooreena Carrie 3rd's Delegate
Kooreena Maranba 2nd ..	28775	10.9.32	11	7,025	5·80	407·61	290	Sr. 3 ..		316, 350 ..	Kooreena Carrie 3rd's Idol
Kooreena Maranta 4th ..	C.R.	11.9.32	13	5,124	6·07	310·91	230	Jr. 2 ..		.. ..	Kooreena Carrie 3rd's Delegate
Kooreena Audrey 2nd ..	28773	13.9.32	12½	6,164	5·83	359·12	290	Sr. 3 ..		303, 368 ..	Kooreena Carrie 3rd's Delegate
Kooreena Lulu 6th ..	C.R.	15.9.32	12½	5,441	6·18	336·06	230	Jr. 2 ..		.. ..	Kooreena Orator
Whare Koa Lotina 2nd ..	23224	16.9.32	10½	6,167	6·61	407·39	350	Mature ..		255, 400, 389, 421, 482	Retford Mourier Lad
Kooreena Carrie 2nd ..	34100	18.9.32	14½	6,149	6·58	404·83	270	Jr. 3 ..		365 ..	Kooreena Carrie 3rd's Delegate
Lulu 5th of Roelands ..	17438	19.9.32	8½	6,581	4·85	319·15	350	Mature ..		268, 377, 322, 287, 354, 360, 350	Noble Duke of Glen Iris
Kooreena Mourier Queen 2nd	34105	26.9.32	15½	6,155	6·46	397·66	270	Jr. 3 ..		338 ..	Columbine's Defiance of Linga Longa
Hutchinson, J. and Sons, Somerville, Jersey (4).											
Somerville Babs 3rd ..	25954	26.7.32	24	9,858	5·34	526·88	330	Sr. 4 ..		304, 414 ..	Rosella's Lad of Somerville
Somerville Wynette 2nd..	28787	21.8.32	25½	7,945	5·47	434·89	270	Jr. 3 ..		308 ..	Banyule Aeronaut
Somerville Beauty 7th ..	25955	21.8.32	27½	9,833	5·05	496·22	350	Mature ..		327, 413 ..	Repulse of Somerville
Somerville Daphne 2nd ..	25956	26.9.32	34	12,844	5·53	709·74	350	Mature ..		432, 438, 509	His Majesty of Somerville
Ingram, A. B., Powelltown, Illawarra Shorthorn (0).											
Allawalla Judy 4th ..	5048	7.9.32	12	6,246	3·89	243·20	270	Jr. 3 ..		.. ..	Premier of Fairfield

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Irwin, H. W., Malmsbury, Jersey (5).											
Pemberley Belle ..	37629	4.7.32	7½	4,763	7·01	334·08	250	Sr. 2	..	.. ..	Grangelea Duke
Pemberley Dolly Grey 2nd	Vol. 20	5.8.32	9	4,997	5·98	298·64	230	Jr. 2	..	.. ..	Grangelea Duke
Pemberley Stumpy ..	Vol. 20	6.8.32	5½	4,923	6·19	304·79	230	Jr. 2	..	.. ..	Kyora Twinkle Chance
Pemberley Mabel ..	33426	6.8.32	5½	5,723	6·09	348·67	310	Jr. 4	..	.. ..	Grangelea Duke
*Aveley Monea ..	26429	14.8.32	4	3,015	5·42	163·47	350	Mature	..	.. ..	Choirmaster of Banyule
Pemberley Belle 2nd ..	Vol. 20	3.9.32	7½	4,718	6·34	299·09	230	Jr. 2	..	.. ..	Grangelea Duke
†Cosma's Sweetbud of Mayland	21347	23.9.32	4	4,245	6·16	261·60	350	Mature	..	.. ..	Rudolph of Melrose
Itzerott Bros., Heathcote, Jersey (1).											
Golden Fern of Five Gums	16288	19.8.32	N.O.C.	7,247	5·23	379·13	350	Mature	..	450 ..	Golden Fern's Viscount
Jenkins, T. C., Tongala, Jersey (1).											
Strathbow Goldie 9th ..	37637	26.8.32	10	5,040	5·76	290·06	230	Jr. 2	..	.. ..	Banyule Mollerne
Kelly, S. P., Kiewa, Jersey (2).											
Jenny Lind of Swansea ..	21249	12.7.32	11	7,400	6·64	491·23	350	Mature	..	.. ..	Pearl's Twylish of Ferntree Vale
Swansea Playrose ..	18683	24.7.32	10½	7,322	5·34	391·14	350	Mature	..	.. ..	Swansea Playboy
Kent, G. A., Archie's Creek, Ayrshire (1).											
Woolamai Ramona ..	25632	29.6.32	9	4,649	5·15	239·46	230	Jr. 2	..	.. ..	Hillcrest Trivalve
‡Woolamai Dorrie ..	20897	15.7.32	4	4,860	4·91	238·59	310	Jr. 4	..	204, 187 ..	Bonnie Boy of Woolamai Park
Woolamai Boronia ..	C.R.	28.7.32	8	4,379	4·92	215·27	230	Jr. 2	..	.. ..	Bonnie Boy of Woolamai Park
Woolamai Phoebe ..	25631	8.8.32	7	3,533	4·81	169·81	230	Jr. 2	..	.. ..	Bonnie Boy of Woolamai Park
Woolamai Wynette ..	15001	31.8.32	9	6,822	4·86	331·74	350	Mature	..	249, 312, 343, 291	Bonnie Boy of Woolamai Park
‡Woolamai Melody ..	24522	5.9.32	4	3,765	5·92	222·83	250	Sr. 2	..	192 ..	Statesman of Gowrie Park
Woolamai Dolly ..	17013	9.9.32	5	6,107	4·98	304·42	350	Mature	..	278, 337, 397	Bonnie Boy of Woolama Park
Merry of Woolamai Park	12357	18.9.32	4½	5,807	4·92	285·67	350	Mature	..	265, 228, 402, 365, 358, 316	Bonnie Boy of Woolamai Park
Woolamai Brightness ..	25629	19.9.32	4½	5,474	4·81	263·26	270	Jr. 3	..	227 ..	Hillcrest Trivalve
King, H. W., Warragul, Jersey (4).											
Karoola Beauty ..	28996	19.7.32	17½	6,709	5·95	399·52	290	Sr. 3	..	323, 379 ..	Glen Valley Fancy Rose's Lad
Karoola Marie	25442	27.7.32	17½	7,927	5·68	450·03	330	Sr. 4	..	319, 413, 403	Waverley's Count of Glen Valley
Karoola Honey Bee 5th ..	Vol. 20	16.8.32	11½	4,899	5·16	251·99	230	Jr. 2	..	.. ..	Glenallan Mariposa
Karoola Honey Bee 3rd ..	23242	22.9.32	14	8,458	5·36	453·28	350	Mature	..	358, 464, 470, 481	Pretty King of Kooravatha
Knowles, T., Dandenong, Ayrshire (5).											
‡Gleneira Hebe ..	20132	22.7.32	4	7,373	4·60	339·30	330	Sr. 4	..	205, 215 ..	Algie of Oakbank
Dandy Princess Betty ..	17733	16.8.32	4½	11,214	4·11	460·58	330	Sr. 4	..	264, 364, 359	Glencourt Prince
Dandy Mab	23610	22.8.32	20	10,020	4·84	484·59	270	Jr. 3	..	400 ..	Glencourt Prince
Fernhill Rosina ..	16032	5.9.32	19	11,142	4·57	508·97	350	Mature	..	248, 411, 472, 401	Merryboy of Glenlocksley
DandyDuchess ..	Vol. 25	21.9.32	16	8,252	4·29	354·36	230	Jr. 2	..	.. ..	Beleura Flashdale
Koenig Bros., Mooroopna North, Ayrshire (1).											
‡Oakbank Peeress ..	18763	18.9.32	4	9,225	4·45	410·25	350	Mature	..	277, 374, 418	Regality of Oakbank
Kurrie, J. G., Korumburra, Ayrshire (1).											
Glenafton Marion ..	21457	15.8.32	4½	5,412	4·36	235·8	290	Sr. 3	..	199 ..	Donald Scot of Gleneira
Grand View Blossom 2nd	C.R.	25.9.32	6½	5,679	4·29	243·61	230	Jr. 2	..	.. ..	Grand View Blazer
Lade, A., Alexandra, Jersey (2).											
Hythe Tiny	Vol. 20	24.7.32	5	3,543	5·88	208·47	230	Jr. 2	..	.. ..	Alert of Farringdon
Lady Grey 40th of St. Albans	23247	1.8.32	9½	8,421	5·10	429·23	350	Mature	..	333 366, 416	Twylish Expectation of Banyule
Hythe Luck	37714	10.8.32	6½	3,486	6·40	222·96	230	Jr. 2	..	.. ..	Alert of Farringdon
Hythe Violet ..	Vol. 20	12.8.32	5	4,458	6·11	272·38	230	Jr. 2	..	.. ..	Alert of Farringdon
Hythe Blossom ..	Vol. 20	13.8.32	5	3,950	5·31	209·82	230	Jr. 2	..	.. ..	Alert of Farringdon
Hythe Fairy	33444	24.9.32	4	4,020	6·20	249·35	310	Jr. 4	..	186, 277 ..	Snow's Boy of Farringdon
Leemon, O. W. J., Archie's Creek, Jersey (2).											
Hillcrest Wildflower ..	25361	12.7.32	..	7,452	4·44	331·24	350	Mature	..	284, 254, 373	Relbia Nap
Karalee Duchess 2nd ..	34157	22.7.32	..	6,177	4·63	285·87	290	Sr. 3	..	142, 231 ..	Karalee Volunteer
Valley View Heather ..	34159	23.7.32	..	8,100	4·45	360·42	250	Sr. 2	..	218 ..	Hoik of Banyule
‡Valley View Wildflower	Vol. 20	6.8.32	..	5,880	4·89	287·55	230	Jr. 2	..	.. ..	Blackwood Grove Beatie's Star

* 180 days in test. † 150 days in test. ‡ 240 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Lennie, Mrs. E. M., Tongala, Jersey (9).											
The Valley Tuber Rose ..	34168	28.6.32	11	4,476	5·92	264·90	250	Sr. 2	..	258 ..	Blackthorn of Fairview
The Valley Melba ..	34165	25.7.32	15½	6,314	4·95	312·50	230	Jr. 2	..	.. ..	The Valley Dollar
The Valley Blackthorn's Jessie	34160	27.7.32	14½	5,987	5·14	307·72	270	Jr. 3	..	340 ..	Blackthorn of Fairview
Myra 3rd of The Valley ..	18494	8.8.32	16½	7,701	4·86	373·93	350	Mature	..	328, 366, 386, 431, 306, 437	Sweet Fox of The Valley
The Valley Red Roae ..	Vol. 20	9.8.32	16½	6,720	5·94	399·00	230	Jr. 2	..	.. ..	Blackthorn of Fairview
The Valley Wild Rose ..	23260	23.8.32	12	9,639	5·41	521·74	350	Mature	..	374, 450, 380, 509, 512	Foxglove of The Valley
The Valley Show Girl ..	28826	30.8.32	11	6,392	4·78	305·83	290	Sr. 3	..	348 ..	Blackthorn of Fairview
The Valley Stumpy 2nd	26025	31.8.32	15½	7,950	4·66	370·58	350	Mature	..	284, 338, 360	Attraction of Fairview
The Valley Madamoselle..	34163	17.9.32	13½	6,674	4·68	312·27	270	Jr. 3	..	264 ..	Blackthorn of Fairview
Le Noury, E., Werribee, Guernsey (2).											
Werribee Princess Pansy	1889	6.7.32	16	7,991	5·42	433·31	350	Mature	..	.. ..	Wickham Prince of Melbourne
Werribee Princess Pat ..	2639	7.8.32	13½	5,639	5·74	323·60	270	Jr. 3	..	.. ..	Yarra View Saxon
Werribee Daffodil's Maid	1887	18.9.32	10	6,633	4·77	316·08	330	Sr. 4	..	258 ..	Yarra View Saxon
Leslie, T., Myrtlebank, Jersey (1).											
Summer Hill Blonde ..	29009	29.6.32	30	10,626	4·96	526·75	310	Jr. 4	..	310, 410 ..	Royal Reserve of Somerville
Lindsay, G., Pakenham, Jersey (2).											
Unanderra Myrtle 3rd ..	Vol. 20	14.9.32	12½	5,378	5·15	277·10	230	Jr. 2	..	.. ..	Meridale Bright Light
Alister Daffodil ..	29469	18.9.32	15	7,725	5·69	439·42	310	Jr. 4	..	.. ..	Meridale Bright Light
Longerenong Agricultural College, Longerenong Ayrshire (2).											
Longerenong Ceda Wattle	C.R.	1.9.32	13½	5,390	5·00	269·61	230	Jr. 2	..	.. ..	Longerenong Baron
*Merle of Longerenong ..	12435	11.9.32	4	6,105	4·65	283·95	350	Mature	..	283, 314, 269, 322, 280, 368, 255	Aristocrat of Wongarra
Longerenong Spray ..	C.R.	14.9.32	14	5,961	4·78	285·16	230	Jr. 2	..	.. ..	Lily's Lad of Holly Green
Lowing, Mrs. L., Tongala, Jersey (12).											
Troed-yr-Rhiw Cariod ..	23266	1.7.32	6½	8,160	5·11	417·25	350	Mature	..	234, 357, 431, 318	Butterlad of Belgonia
Troed-yr-Rhiw Golew Dydd	24452	6.7.32	N.o.c.	8,811	5·15	453·47	350	Mature	..	293, 413, 418, 267	Cymro of Belgonia
Troed-yr-Rhiw Gwenneth	37764	9.7.32	18½	5,577	5·49	306·09	250	Sr. 2	..	271 ..	Award of The Valley
Lily 2nd of The Valley ..	16307	9.7.32	20½	8,915	5·05	450·38	350	Mature	..	233, 250, 409, 472, 346, 522	Foxglove of The Valley
Troed-yr-Rhiw Tawelych	26048	19.7.32	19	9,380	4·78	448·11	350	Mature	..	432, 475, 427	Cymro of Belgonia
Myra 4th of The Valley ..	21423	28.7.32	9½	7,166	5·23	374·48	350	Mature	..	252, 281, 362, 427, 421, 359	Foxglove of The Valley
Troed-yr-Rhiw Dilys ..	26042	5.8.32	13½	7,763	4·86	377·41	330	Sr. 4	..	296, 347 ..	Cymro of Belgonia
Troed-yr-Rhiw Llinos ..	26046	17.8.32	8	8,060	5·06	408·03	350	Mature	..	350, 417, 326	Financial Lad of Kooravatha
Troed-yr-Rhiw Bettwys ..	26039	21.8.32	19	8,362	4·71	393·88	310	Jr. 4	..	264, 327, 241	Cymro of Belgonia
Troed-yr-Rhiw Ceinwen 2nd	C.R.	5.9.32	11	5,118	5·65	289·17	230	Jr. 2	..	.. ..	Troed-yr-Rhiw Eclipse's Lad
Troed-yr-Rhiw Dalen 2nd	C.R.	6.9.32	11	5,401	6·05	326·57	230	Jr. 2	..	.. ..	Glen Iris Montrose Duke
Troed-yr-Rhiw Nanno 2nd	C.R.	8.9.32	14	5,682	5·85	332·39	230	Jr. 2	..	.. ..	Glen Iris Montrose Duke
Lyon, C. G., Heidelberg, Jersey (9).											
Banyule Molly 28th ..	24461	12.7.32	19½	8,886	6·17	547·94	330	Sr.4	..	321, 450 ..	Noble Airman of Banyule
Tiddlewinks 2nd of Banyule	18822	1.8.32	17	8,492	6·12	519·76	350	Mature	..	342, 425, 462	Sapper of Banyule
Banyule Molly 38th ..	34189	3.8.32	11½	4,629	5·52	255·59	230	Jr. 2	..	.. ..	Concentration of Banyule
Banyule Molly 26th ..	24459	6.8.32	17½	7,677	5·94	456·09	350	Mature	..	451, 451 ..	Wotton Airman
Gowanlea Oxford's Gipsy	37788	17.8.32	10	5,864	5·52	323·64	230	Jr. 2	..	.. ..	Oxford Beau's Pretty Oxford
Banyule Molly 33rd ..	29029	21.8.32	14½	7,814	6·23	486·44	290	Sr. 3	..	402 ..	Superstrain of Banyule
Banyule Molly 37th ..	34188	23.8.32	10	4,709	6·45	303·85	230	Jr. 2	..	.. ..	Superstrain of Banyule
Silvermine 27th of Banyule	11603	26.8.32	14	7,962	5·46	434·89	350	Mature	..	216, 378, 381, 421, 511, 398, 481	M.A.T. of Banyule
Banyule Velveteen 13th	29039	26.8.32	16	8,405	5·66	475·94	270	Jr. 3	..	455 ..	Air Lord of Banyule
Macaulay, C. W., Rochester, Jersey (4).											
Taranah Floss	37857	3.7.32	18	6,719	5·94	398·91	250	Sr. 2	..	313 ..	Duke of Invermay
Taranah Tiny	C.R.	24.7.32	13½	5,298	6·35	336·44	230	Jr. 2	..	.. ..	Duke of Invermay
Taranah Charm ..	34227	7.8.32	12½	6,089	5·47	332·78	250	Sr. 2	..	220 ..	Duke of Invermay
Taranah Rocke ..	37859	10.8.32	11½	5,739	5·76	330·29	290	Sr. 3	..	191 ..	Duke of Invermay

* 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
McDougall, Byaduk, Jersey (2).											
Parkview Daphne	29047	22.8.32	11	5,420	5·62	304·58	270	Jr. 3	..	234 ..	Prince of Parkview
Parkview Heather	26055	27.8.32	13½	6,731	5·54	372·70	310	Jr 4	..	319 347 ..	Don of Parkview
McErvale I., and Sons Camperdown, Jersey (7).											
Airlie Isla 3rd	Vol. 20	2.7.32	14	6,912	5·19	358·97	250	Sr. 2	..	.. ..	Hedge of Banyule
Cumnock Noble Lady	17461	20.7.32	11	6,725	4·36	293·32	350	Mature	..	295, 402, 368	Vanilla's Noble of Tavistock
Pearl of Glenallwyn	13380	22.7.32	20	6,870	5·82	400·01	350	Mature	..	415, 417, 382	Prince Renard
Beauty of Castlemaddie	21477	25.7.32	17	7,250	6·50	471·12	350	Mature	..	361, 452, 365, 396	King's Bounty of Somerville
Cumnock Bright Jewel	C.R.	10.8.32	20	8,131	5·54	450·50	290	Sr. 3	..	.. ..	Cumnock Fancy Masterpiece
Cumnock Amelia's Lady	C.R.	14.8.32	18	6,912	5·00	345·33	230	Jr. 2	..	.. ..	Cumnock Fancy Masterpiece
Airlie Buttercup 7th	37292	21.8.32	12	5,271	5·61	295·77	230	Jr. 2	..	.. ..	Hedge of Banyule
Greenwood Astra	25518	13.9.32	15	8,967	5·13	459·71	350	Mature	..	413, 367 ..	Retford Peer
McGarvie, K., Pomborneit, Jersey (25).											
Greenwood Birdie	33476	6.7.32	18	8,889	6·13	544·81	290	Sr. 3	..	311 ..	Retford Peer
Greenwood Belinda	33470	7.7.32	13	7,382	6·06	447·37	290	Sr. 3	..	291 ..	Goldmine of Greenwood
Greenwood Beaver	33468	18.7.32	17½	9,708	6·03	585·21	290	Sr. 3	..	328 ..	Graceful Duke of Greenwood
Greenwood Bramble	34210	18.7.32	15	9,972	6·27	625·53	290	Sr. 3	..	385 ..	Graceful Duke of Greenwood
Greenwood Dream	37833	18.7.32	6	6,143	5·18	318·08	230	Jr. 2	..	.. ..	Greenwood Edwin
*Greenwood Accord	25493	19.7.32	18	8,032	5·07	407·60	330	Sr. 4	..	350, 326 ..	Golden Hero of Greenwood
Greenwood Doreen	37831	19.7.32	12	6,323	6·29	397·54	230	Jr. 2	..	.. ..	Greenwood Adonis
Greenwood Beryl	Vol. 20	21.7.32	8	6,659	6·12	407·62	290	Sr. 3	..	260 ..	Graceful Duke of Greenwood
Greenwood Debutante	37829	21.7.32	11	4,940	5·09	251·35	230	Jr. 2	..	.. ..	Greenwood Battler
Greenwood Arethusa	25514	24.7.32	10	8,780	5·11	448·80	330	Sr. 4	..	374, 337 ..	Peter of Greenwood
Greenwood Daisy	37825	24.7.32	14½	7,115	5·00	355·99	230	Jr. 2	..	.. ..	Greenwood Adjutant
Greenwood Brilliant	34211	25.7.32	12	7,392	6·43	475·37	270	Jr. 3	..	322 ..	Retford Peer
Greenwood Beth	33475	29.7.32	7	6,443	6·02	388·16	310	Jr. 4	..	332, 446 ..	Goldmine of Greenwood
Greenwood Cleopatra	37819	30.7.32	13½	6,851	6·12	419·45	250	Sr. 2	..	.. ..	Retford Peer
Greenwood Alert	25505	3.8.32	14	8,495	5·95	505·56	330	Sr. 4	..	337, 344 ..	Peter of Greenwood
Greenwood Alma	25508	3.8.32	14	7,400	5·87	434·32	350	Mature	..	381, 410 ..	Retford Peer
Greenwood Dagmar	37823	3.8.32	10	4,883	6·99	341·24	230	Jr. 2	..	.. ..	Greenwood Edwin
Greenwood Belvidera	33473	6.8.32	20	9,485	5·72	542·42	310	Jr. 4	..	388, 639 ..	Graceful Duke of Greenwood
Greenwood Dahlia	37824	6.8.32	4	6,573	5·32	349·38	230	Jr. 2	..	.. ..	Retford Peer
Greenwood Athalie	25520	11.8.32	19	9,903	6·79	672·70	330	Sr. 4	..	484, 438 ..	Retford Peer
Greenwood Affiance	25501	13.8.32	12	7,718	5·48	423·07	330	Sr. 4	..	325, 327 ..	Peter of Greenwood
Greenwood Dame	37826	16.8.32	8	5,108	5·92	302·36	230	Jr. 2	..	.. ..	Greenwood Edwin
Greenwood Dancer	37827	16.8.32	10	5,520	6·12	337·87	230	Jr. 2	..	.. ..	Greenwood Battler
Greenwood Daphne 3rd	37828	17.8.32	9	5,009	6·42	321·42	230	Jr. 2	..	.. ..	Greenwood Edwin
Greenwood Devotion	37830	31.8.32	13	6,131	5·46	334·99	230	Jr. 2	..	.. ..	Greenwood Edwin
McInnes, A. A., Gunbower, Dairy Shorthorn (3).											
Daphne Queen 14th	Vol. 1 D.S.H.B.	28.6.32	24	7,338	4·29	314·78	250	Sr. 2	..	.. ..	Earl of Pentland 132nd
Pearl Beauty 18th	Vol. 1 D.S.H.B.	24.8.32	5	8,471	3·98	337·29	330	Sr. 4	..	163, 270 ..	Earl of Pentland 125th
Loch Ness Pearl Beauty 3rd	Vol. 1 D.S.H.B.	8.9.32	9	5,141	4·65	238·85	230	Jr. 2	..	.. ..	Braylands Matilda's Duke
McLeish, H. F., Kernot, Jersey (5).											
Ewelme Clementine's Maid	C.R.	10.8.32	11	6,129	5·82	356·50	250	Sr. 2	..	.. ..	Staghorn Clementine 4ths Masterpiece
Ewelme Northern Briar	33152	18.8.32	N.o.c.	6,932	5·60	387·89	330	Sr. 4	..	345 ..	Northern Master of Glen Iris
Ewelme Master's Holly	33149	24.8.32	N.o.c.	5,351	6·51	348·41	290	Sr. 3	..	339 ..	Northern Master of Glen Iris
Sunbeam of Meridale	21754	3.9.32	9½	5,564	5·25	292·38	350	Mature	..	310, 259, 321	Jubilee Redlight
Golden Girl of Targoora	9294	7.9.32	13½	7,862	4·40	346·00	350	Mature	..	295 ..	Lotina's Defender of Kyora
Ewelme Northern Rosebud	Vol. 20	12.9.32	6½	4,562	5·45	248·50	230	Jr. 2	..	.. ..	Northern Master of Glen Iris
Ewelme Heirloom	Vol. 20	12.9.32	7	4,011	5·99	240·35	230	Jr. 2	..	.. ..	Staghorn Clementine 4ths Masterpiece
Ewelme Harmony	Vol. 20	20.9.32	5	3,612	5·20	187·94	230	Jr. 2	..	.. ..	Northern Master of Glen Iris
Ewelme Clement Beauty	C.R.	24.9.32	7½	3,923	5·32	208·68	230	Jr. 2	..	.. ..	Staghorn Clementine 4ths Masterpiece
Ewelme Southern Violet	Vol. 20	25.9.32	6½	4,202	5·07	213·12	230	Jr. 2	..	.. ..	Northern Master of Glen Iris

* 260 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
McNabb, G. A., and Son, Irrewillipe East, Jersey (23).											
Maxon Nobles Pansy	29078	30.6.32	22	7,356	5·38	395·50	310	Jr. 4	..	334 ..	Noble of Avalon
Hakea of Springhurst ..	18930	2.7.32	23	8,519	4·30	366·54	350	Mature	..	225, 262, 374	Alloy of Banyule
Maxon Count's Lady ..	37852	10.7.32	21	6,591	5·85	385·43	230	Jr. 2	..	.. ..	Maxon Count Graceful
Staghorn Lotus ..	21125	10.7.32	23½	8,181	5·08	415·64	350	Mature	..	228, 340, 378	Lily's King of Staghorn
Maxon Miss Linnacre ..	34220	12.7.32	22	7,538	4·98	375·05	250	Sr. 2	..	239 ..	Chloe's Mercedes Chief of Glen Iris
Boorene Silver Light ..	25542	12.7.32	24	7,992	6·17	493·31	310	Jr. 4	..	377, 478 ..	Lady Grey's Silvermine 2nd of Somerset
Lodestone of Springhurst	21608	15.7.32	21	8,150	5·74	467·93	350	Mature	..	357, 418, 488, 456, 379	Alloy of Banyule
Boorene Miss Linnacre 2nd	24245	22.7.32	32	10,989	4·93	541·71	350	Mature	..	425, 476, 492, 507, 442	Arcadia's V.C. of Wooringa
Staghorn Morocco's Primrose	25544	26.7.32	27½	9,683	5·24	507·13	350	Mature	..	289, 341, 274	Madeira's King of Staghorn
Maxon Favourite ..	34218	26.7.32	19	5,802	5·86	339·84	250	Sr. 2	..	282 ..	Burnside Handel
Maxon Easter Daisy ..	29074	1.8.32	18	8,078	4·82	389·42	270	Jr. 3	..	305, 278 ..	Avalon Noble 8th
Boorene Silver Lady ..	25249	2.8.32	23	7,731	5·38	416·27	350	Mature	..	288, 329, 390	Lady's Grey's Silvermine 2nd Somerset
Maxon Court's Favourite	37851	4.8.32	23	7,364	5·94	437·54	230	Jr. 2	..	.. ..	Maxon Count Graceful
Maxon Mercedes Buttercup	29077	4.8.32	29	10,868	5·42	588·52	290	Sr. 3	..	389, 445 ..	Mercedes Chief 7th of Avalon
Maxon Bright Bouvardia	37848	5.8.32	25	8,343	5·27	439·55	230	Jr. 2	..	.. ..	Maxon Starbrights Prince 4th
Maxon Bright Vanilla ..	37849	6.8.32	20	6,482	5·50	356·45	230	Jr. 2	..	.. ..	Maxon Starbrights Prince 4th
Springhurst Easter Daisy 2nd	25543	18.8.32	9	5,730	6·27	359·38	330	Sr. 4	..	245, 316, 362	Starlight of Springhurst
Maxon Bright Belle ..	37847	20.8.32	16½	5,903	5·23	308·80	230	Jr. 2	..	.. ..	Maxon Starbrights Prince 4th
Maxon Easter Daisy 2nd	34217	22.8.32	19½	6,742	4·90	330·08	250	Sr. 2	..	273 ..	Avalon Noble 8th
Maxon Noble's Alsyke ..	34221	25.8.32	18	6,948	6·06	421·28	250	Sr. 2	..	268 ..	Avalon Noble 8th
Maxon Bright Alsyke ..	37846	5.9.32	17	4,700	5·57	261·76	230	Jr. 2	..	.. ..	Maxon Starbrights Prince 4th
Defender's Favourite of Boorene	9225	25.9.32	18½	8,111	5·31	430·75	350	Mature	..	418, 381, 409, 450, 552, 506.322	Foxe's Nonpariel of Boorene
Sweet Estella's Pansy of Boorene	11231	26.9.32	11½	7,865	4·75	373·43	350	Mature	..	331, 358 ..	Sweet Pansy 2nd Sono f Melrose
Maher Bros., Seymour, Ayrshire (1).											
Evelyn Leaflet	19975	21.8.32	10	8,751	4·10	358·36	290	Sr. 3	..	231, 290	Gowrie Park Scottish Expert
*Evelyn Bessie ..	79972	25.8.32	4	5,310	5·08	269·60	310	Jr. 4	..	221, 258	Gowrie Park Scottish Expert
Maher, R. H., Tongala, Jersey (5).											
Rosemont Lassie Fowler 7th	C.R.	24.7.32	8½	3,326	6·03	200·47	230	Jr. 2	..	.. ..	Rosella 2nd Noble of Rosemont
Rosemont Jessie 7th ..	C.R.	26.7.32	10	3,795	6·28	238·34	230	Jr. 2	..	.. ..	Rosella 2nd Noble of Rosemont
Rosemont Daisy 4th ..	26063	6.8.32	13	6,908	6·23	430·32	350	Mature	..	356, 406, 442, 488	Rosella 2nd Noble of Rosemont
Rosemont Lassie Fowler 6th	37878	1.9.32	7½	4,253	6·37	270·96	250	Sr. 2	..	.. ..	Rosella 2nd Noble of Rosemont
Rosemont Lady Fowler 6th	C.R.	5.9.32	7½	4,948	6·15	304·54	230	Jr. 2	..	.. ..	Rosella 2nd Noble of Rosemont
Maller, Dr. R., Shepparton, Jersey (16).											
Maneroo Margarets Favourite's Lass II.	34232	17.7.32	N.O.C.	6,882	5·99	412·28	290	Sr. 3	..	320 ..	Uranus of Aveley
Maneroo Dawn ..	37884	6.8.32	21½	9,647	5·93	572·40	250	Sr. 2	..	380 ..	Maneroo Daphne's Twylish Lad
Maneroo Marchfly's Lass	37890	6.8.32	17½	8,521	6·18	526·31	270	Jr. 3	..	372 ..	Uranus of Aveley
Maneroo Dairy's Buttercup 2nd	37883	10.8.32	18½	9,276	5·21	483·05	250	Sr. 2	..	245 ..	Wompini Royal Duke
Maneroo Gipsy Queen ..	37888	15.8.32	N.O.C.	9,389	4·50	422·43	250	Sr. 2	..	308 ..	Mendip Rye
Maneroo Kitty's Lass 2nd	34231	17.8.32	N.O.C.	10,280	5·74	589·69	290	Sr. 3	..	366 ..	Uranus of Aveley
Maneroo Daphne's 2nd Lass	29101	29.8.32	19½	8,636	6·25	539·39	330	Sr. 4	..	224, 258, 397	Uranus of Aveley
Maneroo Princess ..	37893	1.9.32	19½	8,150	5·40	440·10	250	Sr. 2	..	310 ..	Wompini Royal Duke
Coolwoola Marchfly's Lady	26066	3.9.32	28	10,352	5·35	553·34	350	Mature	..	271, 267, 398	Mercedes Golden Prince of Glen Iris
Maneroo Gem's Lady ..	37887	4.9.32	22	8,354	6·22	519·22	270	Jr. 3	..	362 ..	Wompini Royal Duke
Maneroo Pearl's Dewdrop	37891	9.9.32	15	7,503	5·67	425·27	250	Sr. 2	..	409 ..	Maneroo Duke
Maneroo Amber Queen ..	37881	10.9.32	25	9,843	5·12	503·89	270	Jr. 3	..	379 ..	Wompini Royal Duke
Maneroo Kitten ..	C.R.	13.9.32	19½	6,917	6·22	430·47	230	Jr. 2	..	.. ..	Wompini Royal Duke
Coolwoola Montrose Pearl's Girl	26067	14.9.32	N.O.C.	12,283	4·94	606·68	350	Mature	..	276, 321, 391	Montrose Dancer of Glen Iris
Maneroo Buttercup's Daisy	C.R.	17.9.32	N.O.C.	7,349	5·36	393·73	230	Jr. 2	..	.. ..	Wompini Royal Duke
Gem 2nd of Coolwoola ..	19970	18.9.32	N.O.C.	10,538	5·37	565·44	350	Mature	..	360, 389, 373, 535	Mercedes Golden Prince of Glen Iris

*240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Maloney, P. J., Tongala, Jersey. (6).											
Preston Lady Capture 2nd	25604	15.7.32	24½	11263	5·02	565·37	350	Mature	..	310, 268, 637	Preston Fancy Mite
Leven Brae Empire ..	34001	17.7.32	21	7,439	5·34	397·22	250	Sr. 2	..	357 ..	Werribee Gay Piece
Belgonia Marie 4th ..	24491	17.7.32	22	10,725	5·06	542·84	350	Mature	..	357, 512, 470, 571	Aerial of Banyule
Leven Brae Perrees Girl..	34002	6.8.32	26½	8,546	6·03	515·24	250	Sr. 2	..	412 ..	Werribee Gay Piece
Eileen 2nd of Clarendon Eyre	13521	15.8.32	20	10,124	5·57	563·75	350	Mature	..	468, 404, 467, 533, 545	Lotina Larkspur's Twylish
Gem's Noella (Imp.) ..	33497	16.8.32	30	13,803	4·56	629·24	330	Sr. 4	..	576 ..	Hamlet's You'll Do
Mapleson, A. J., Jindivick, Jersey (2).											
Hazeldale Golden Charm	33500	20.8.32	5½	6,075	5·76	349·71	290	Sr. 3	..	265, 316 ..	Dinkum of Banyule
Hazeldale Jessie's Charm	25552	10.9.32	4	8,292	5·89	488·64	350	Mature	..	302, 358, 352, 395	Lord Mannikin of Hazeldale
Marshall, M., Sale, Jersey (3).											
Studleigh Masterpiece's Starbright	33078	1.7.32	18½	6,978	5·14	358·41	250	Sr. 2	..	288 ..	Studleigh Masterpiece
Studleigh Master's Kirsty	33077	31.7.32	21	9,140	5·92	540·76	250	Sr. 2	..	404 ..	Studleigh Masterpiece
Bella of Latrobe ..	16655	15.8.32	21½	7,208	5·85	421·76	350	Mature	..	315, 293, 357, 357, 372	Duke of Banyule
Marshman, A. R., Archie's Creek, Jersey (2).											
Forgan Gaiety	Vol. 20	4.8.32	7½	5,448	4·77	259·69	270	Jr. 3	..	238 ..	Banyule Loom
Forgan Lady	Vol. 20	4.8.32	9½	4,574	6·24	285·61	270	Jr. 3	..	200 ..	Comely Bank's Bestman
Forgan Ladylike ..	29128	9.8.32	10	5,384	5·37	288·87	330	Sr. 4	..	257, 266, 256	Fisher of Melrose
Forgan Fairy	29127	11.8.32	10½	5,924	4·84	286·82	330	Sr. 4	..	234, 282, 244	Banyule Loom
Forgan Queen	Vol. 20	11.8.32	9½	5,369	4·98	267·37	250	Sr. 2	..	187 ..	Comely Bank's Bestman
Forgan Trixie	29129	13.8.32	10½	5,580	5·36	299·12	330	Sr. 4	..	234, 271, 240	Fisher of Melrose
Forgan Jewel	34237	30.8.32	7	5,019	5·01	251·29	290	Sr. 3	..	186, 189 ..	Banyule Loom
Forgan Bunty	33510	31.8.32	6½	4,235	6·31	267·42	310	Jr. 4	..	233, 232 ..	Banyule Loom
Forgan Wattle	C.R.	3.9.32	7	4,014	5·48	219·85	230	Jr. 2	..	.. ..	Forgan Mill Boy
Masters, S. H., Murraydale, Jersey (4).											
Brunette 21st of King's Vale	23313	4.7.32	28	9,761	4·94	482·56	350	Mature	..	318, 467, 536, 516, 479	Lindas 5th V.C. of King's Vale
Rutland Bright Stockings	C.R.	4.7.32	15	5,054	5·44	275·10	230	Jr. 2	..	.. ..	St. Alban's Fuchsia's Choice
Lea Hurst Silk Stockings 3rd	23428	28.7.32	18½	6,986	5·70	398·40	350	Mature	..	319, 373, 439, 397, 396	Consul of Lea Hurst
Rutland Brunette 3rd ..	C.R.	18.8.32	25	7,428	5·04	374·38	230	Jr. 2	..	.. ..	St. Alban's Fuchsia's Choice
Meadowcroft, S., Stanhope, Jersey (3).											
Comet 3rd of Melksham Park	9806	24.8.32	12½	8,078	5·47	442·09	350	Mature	..	509, 461, 443	Peerless King of Melrose
Irymple Pearl	C.R.	26.8.32	9	4,605	6·12	281·75	230	Jr. 2	..	.. ..	Lynroy Glady's Star
Irymple Swallow ..	C.R.	12.9.32	12	4,176	5·93	247·46	230	Jr. 2	..	.. ..	Lynroy Glady's Star
Mesley, T., Dalyston, Jersey (5).											
Madrigal of Warenda ..	15559	13.8.32	18½	7,512	5·75	432·05	350	Mature	..	486, 450, 548, 570, 504	Kewpie of Warenda
Warenda Agnes 5th ..	29148	22.8.32	14½	6,114	6·27	383·60	350	Mature	..	364, 443, 435	Kinnor of Banyule
Warenda Mandoline 7th..	C.R.	12.9.32	14½	6,408	5·58	357·65	230	Jr. 2	..	.. ..	Belgonia Air King
Warenda Ragtime 7th ..	C.R.	13.9.32	14	6,335	5·95	376·64	230	Jr. 2	..	.. ..	Belgonia Air King
Warenda Madrigal 4th ..	C.R.	18.9.32	18	6,984	5·62	392·65	230	Jr. 2	..	.. ..	Belgonia Air King
Middleton, E. M., Hamilton, Jersey, (5).											
Aveley Songstress ..	29155	6.8.32	17	8,012	5·04	403·59	330	Sr. 4	..	282, 379 ..	Economist of Aveley
Strathkellar Velveteen ..	C.R.	24.8.32	16	6,407	5·18	332·04	230	Jr. 2	..	.. ..	King's Bounty of Somerville
Dalray Marcia	33446	5.9.32	15½	6,52	5·95	387·79	250	Sr. 2	..	286 ..	Staghorn Lotus Cream's Masterpiece
Dalray Lady	26008	15.9.32	12	6,512	5·83	379·65	350	Mature	..	299, 403, 405	Glenlock Sultan
Strathkellar Zoe ..	C.R.	18.9.32	12	4,554	6·61	300·86	230	Jr. 2	..	.. ..	Melrose Bright Star
Milne, R. K., Camperdown, Jersey (10).											
Allambie Heroine 2nd ..	24613	1.7.32	17	8,385	5·06	424·33	330	Sr. 4	..	278, 381 ..	Prince of Kirkhill
Allambie Middlewood Mary	38322	1.7.32	13	6,296	4·31	271·17	250	Sr. 2	..	276 ..	Relbia Bonza
Allambie Beryl 2nd ..	29496	15.7.32	13	7,085	4·90	346·96	290	Sr. 3	..	.. ..	Prince's Choice of Allambie
Greenwood Bride ..	33482	15.7.32	9	4,619	5·00	231·15	290	Sr. 3	..	278, 364 ..	Retford Peer
Melview Thora 4th ..	C.R.	1.8.32	13	5,949	5·21	310·05	230	Jr. 2	..	.. ..	Handsome Boy 12th of Jerseyholm
Allambie Queen 4th ..	33785	13.8.32	12	6,231	5·14	320·48	250	Sr. 2	..	.. ..	King of Allambie
Allambie Flower 6th ..	38320	14.8.32	7	4,356	5·99	260·96	230	Jr. 2	..	.. ..	Allambie Handsome Boy
Glen Mavis Virginia ..	25286	15.8.32	12	5,598	6·06	339·08	330	Sr. 4	..	250, 359, 321	King's Bounty of Somerville
Glenwood Nancy ..	38330	20.8.32	10	4,347	6·48	281·77	330	Sr. 4	..	372 ..	Lady Choice's King 2nd of Glenwood
Allambie Lowana 2nd ..	29502	21.8.32	13	7,073	5·56	393·33	330	Sr. 4	..	310, 333 ..	Prince of Kirkhill
Allambie Buttercup Beryl 6th	C.R.	23.8.32	10	3,604	6·20	223·31	230	Jr. 2	..	.. ..	Sapper of Banyule
Allambie Buttercup Beryl 4th	33775	25.8.32	13	6,491	5·18	336·44	270	Jr. 3	..	336 ..	Prince of Kirkhill
*Glenwood Miss Una 5th	38329	17.9.32	N.O.C.	5,280	5·34	281·82	250	Sr. 2	..	.. ..	Lady Choice's King 2nd of Glenwood

* 240 days. Herd withdrawn.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Mitchell, R. H., Linton, Jersey (5).											
Clifford Farm Mauves Winsome Lass	24517	23.7.32	22½	7,466	6·43	480·41	350	Mature	..	..	Golden Prince of Pendennis
Clifford Farm Heather ..	26103	28.7.32	23½	9,570	5·94	568·06	330	Sr. 4	..	..	Magnet's Prince of Tavistock
Bruce Vale Kinglark's Satisfaction	37947	4.9.32	14	4,872	6·90	336·38	230	Jr. 2	..	..	Werribee Wyandotte's King
Clifford Farm Marie ..	37948	7.9.32	22	7,851	6·22	488·27	230	Jr. 2	..	..	Clifford Farm Don
Clifford Farm Lady Sarah	34264	26.9.32	13½	7,152	6·75	482·99	250	Sr. 2	..	..	Clifford Farm Eliminator
Moore, J., and Co., Yarram, Jersey (8).											
Tooloonook Peach ..	33545	2.7.32	15	6,590	5·13	337·90	290	Sr. 3	..	282, 358	Tooloonook Carol's Hero
Tooloonook Virginia 2nd	Vol. 20	14.7.32	7	3,083	5·77	117·82	230	Jr. 2	..	..	Tooloonook Carol's Hero
Tooloonook Boltonia 3rd	37955	21.7.32	4	3,719	6·50	241·88	250	Sr. 2	..	135	Heroic of Somerville
Tooloonook Heather ..	Vol. 20	31.7.32	13	6,363	5·39	343·10	290	Sr. 3	..	279	Heroic of Somerville
Tooloonook Beauty 4th ..	33540	7.8.32	7½	5,184	5·42	280·92	310	Jr. 4	..	148, 249	Heroic of Somerville
*Tooloonook Velveteen 2nd	33550	11.8.32	4	4,912	5·21	255·75	290	Sr. 3	..	253, 357	Somerville Beauty 4th Command
Tooloonook Angler's Belle 2nd	C.R.	13.8.32	12½	5,787	5·36	310·06	230	Jr. 2	..	..	Somerville Beauty 4th Command
Tooloonook Lilac Bloom	33542	23.8.32	8	5,915	5·99	354·52	310	Jr. 4	..	263, 342	Heroic of Somerville
Tooloonook Cheeky ..	21532	31.8.32	6	5,447	4·75	258·50	350	Mature	..	351, 278, 290	Lydia's King of Yaralla
Tooloonook Molly ..	33544	8.9.32	15	7,836	5·35	418·84	310	Jr. 4	..	298	Somerville Beauty 4th Command
Tooloonook Molly 3rd ..	C.R.	12.9.32	10	5,714	4·69	268·26	230	Jr. 2	..	..	Heroic of Somerville
Tooloonook Plumbago 4th	C.R.	15.9.32	9	5,137	5·13	263·15	230	Jr. 2	..	..	Somerville Beauty 4th's Command
Antimony's Trixie of Belle Vue	15569	16.9.32	14½	8,027	5·17	415·07	350	Mature	..	479, 460, 463	Columbine's Antimony
Burnside Vasilika ..	16946	24.9.32	5	5,033	5·75	289·31	350	Mature	..	356, 160, 301	Retford Lord Twylish
Estate Muhlebach, W. J., Batesford, Ayrshire (4).											
Retreat Poppy ..	16559	1.8.32	7	6,811	4·21	286·95	350	Mature	..	268, 267, 310	White Prince of Retreat
Retreat Isla	24247	6.8.32	9	6,144	4·52	277·80	250	Sr. 2	..	208	Retreat Radiator
Retreat Ethel	20667	11.8.32	4	6,255	4·66	291·28	290	Sr. 3	..	237, 257	Retreat Bright King
Retreat Poppette ..	24252	4.9.32	8	5,153	4·33	223·07	230	Jr. 2	..	..	Wattle Park Bonnie Doon
*Retreat Iris	18875	8.9.32	4	6,690	4·07	271·98	330	Sr. 4	..	263, 277, 308	The Valley Patrus
Retreat Marqueese ..	24248	10.9.32	4	5,475	4·54	248·63	230	Jr. 2	..	..	Wattle Park Bonnie Doon
Retreat Pet	24250	19.9.32	12	5,413	4·45	241·08	230	Jr. 2	..	..	Wattle Park Bonnie Doon
Retreat Pearlette ..	24249	20.9.32	8	5,079	4·28	217·56	230	Jr. 2	..	..	Wattle Park Bonnie Doon
Muhlebach, W. X., Batesford, Jersey (1).											
*Strathey Lady ..	37968	11.8.32	4	4,905	5·10	250·20	330	Sr. 4	..	237, 246, 221	Admiral 5th of St. Albans
Strathey Lois	Vol. 20	18.9.32	15½	6,185	5·22	322·70	230	Jr. 2	..	..	Gala Duke of Grovedale
Murray, H. C., Murrabit West, Jersey (1).											
Moorunduden Sweet Pet	29193	17.7.32	10½	5,839	5·65	329·79	290	Sr. 3	..	..	Sweet Pariel's 2nd Lad of Boorene
Nancarrow, E. J., Kerang, Jersey (4).											
*Ballara Beauty 2nd ..	29537	16.8.32	4	6,008	6·45	387·79	310	Jr. 4	..	299, 388	Werribee Madeira Cream's Masterpiece
Bellaire Molly 8th ..	37975	1.7.32	14½	7,464	5·65	422·06	230	Jr. 2	..	..	Werribee Fancy Clementine King
Pine Ridge Princess ..	33558	22.7.32	N.O.C.	6,068	6·11	370·82	310	Jr. 4	..	..	Bellaire Count
Bellaire Princess 4th ..	37122	16.9.32	15½	8,579	5·59	479·31	350	Mature	..	..	Thorn of King's Vale
Nathan, Chas., Tongala, Jersey (3).											
Mansfield Morning Glory	29195	12.7.32	20½	6,581	5·10	335·91	310	Jr. 4	..	294, 315	Banyule Fusilage
Mansfield Remembrance 2nd	Vol. 20	13.7.32	19½	6,661	5·46	363·70	230	Jr. 2	..	..	Banyule Fusilage
Chloe 2nd of Clarendon Eyre	11650	18.7.32	19	7,146	5·50	392·85	350	Mature	..	252, 486, 374, 426, 494	Lotina Larkspur's Twylish
Neave, E. B., Callignee, Jersey (5).											
Eastvale Starfinch ..	Vol. 20	5.8.32	16	6,280	6·06	380·55	230	Jr. 2	..	..	Melview Vanilla Starbright Lad
Mendip Vanilla 3rd ..	28635	11.8.32	7½	5,785	5·66	327·65	350	Mature	..	339, 324	Mozart of Warenda
Willis Vale Pretty Vanity	26435	12.8.32	18½	8,309	5·77	479·69	350	Mature	..	411, 413	Pretty King of Willis Vale
Brightside Sweet Pearl ..	29196	12.8.32	18½	7,813	5·24	409·16	310	Jr. 4	..	390, 293	Sweet King of St. Albans
Eastvale Vanity ..	33562	24.8.32	18½	8,788	5·36	471·04	270	Jr. 3	..	379	Butter King of Willis Vale
*Grangelea Defender's Favourite	29658	25.8.32	4	4,455	5·98	266·45	330	Sr. 4	..	390, 314	Mistletoe's 2nd's V.C. of Tarnpirr
Eastvale Dainty 2nd ..	Vol. 20	3.9.32	15	6,130	5·79	354·92	230	Jr. 2	..	..	Melview Vanilla's Star bright Lad
Grangelea Dainty 4th ..	29657	10.9.32	7	4,853	6·09	295·50	330	Sr. 4	..	336, 324	Mistletoe's 2nd V.C. of Tarnpirr

* 240 days in test.

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Nicholas, A. M., Shoreham, Jersey (10).											
Lotus of Comely Banks ..	21616	6.8.32	21½	7,824	5·11	399·57	350	Mature	..	358 ..	Goddington Winks (Imp.)
Jubilee Myrtle	33665	15.8.32	10	6,359	5·56	353·57	310	Jr. 4	..	343 ..	Jubilee Whatlight
Jubilee Water Lily ..	33796	18.8.32	10	5,465	5·84	319·16	270	Jr. 3	..	270 ..	Jubilee Whatlight
Jubilee Dillwynia ..	38341	18.8.32	12	5,109	5·15	263·19	230	Jr. 2	..	.. ..	Jubilee Whatlight
Werribee Clementine's Princess 3rd	24583	22.8.32	21	8,858	6·07	538·04	350	Mature	..	372, 349, 445, 364	Masterpiece (Imp.)
Jubilee Ranunculus ..	26186	24.8.32	10	9,666	4·64	448·53	350	Mature	..	404 ..	Jubilee Fanlight
Brucevale Lady Merribee Wyandotte	28545	24.8.32	4	5,433	6·68	362·79	330	Sr. 4	..	288, 302 ..	Masterpiece of Brucevale
Jubilee Eculyptus ..	33795	27.8.32	15½	6,135	6·22	381·77	270	Jr. 3	..	303 ..	Jubilee Whatlight
Brucevale Fancy Star-bright 3rd	28544	9.9.32	15½	6,617	6·16	407·79	310	Jr. 4	..	314 ..	Masterpiece of Brucevale
Jubilee Ricious ..	38344	24.9.32	9	4,592	5·74	263·70	230	Jr. 2	..	.. ..	Jubilee Wheatenlight
Nilsson, P. O., Tynong, Jersey (1).											
*Glady's Park Lettie's Bluebell	37990	16.8.32	4	5,160	4·81	248·10	230	Jr. 2	..	.. ..	Werribee Bluebell's Masterpiece
Noble, T. M., and Son, Maffra, Jersey (5).											
Glady's Park Bluebell's Princess	37994	27.8.32	19	6,846	6·26	428·46	230	Jr. 2	..	.. ..	Werribee Bluebell's Masterpiece
Linga Longa Wattle's Speck	25574	4.9.32	20	10,076	5·54	558·25	350	Mature	..	317, 373, 410, 492	Canary's Handsome Boy of Linga Longa
Jerseyinn Nasturtium 3rd	37995	6.9.32	20	8,406	5·87	493·61	250	Sr. 2	..	381 ..	Werribee Bluebell's Masterpiece
Finchley Canary 3rd ..	37992	17.9.32	21	9,144	6·17	564·63	250	Sr. 2	..	354 ..	Werribee Lord Burnham
Finchley Canary 2nd ..	37991	20.9.32	24	9,716	6·34	616·23	290	Sr. 3	..	346 ..	Dawn of Warenda
Nolte, E. H., Merino, Jersey (3).											
Clover Flat Cloth of Gold 4th	29202	9.7.32	11½	7,730	5·45	421·17	350	Mature	..	374 ..	Beau Brummel of Banyule
Nairana Fairy 7th ..	29235	3.8.32	10½	6,909	5·70	393·89	250	Sr. 2	..	297 ..	Strathbow Goldstar
Nairana Virginia 5th ..	29271	23.8.32	11½	7,355	5·65	415·92	270	Jr. 3	..	.. ..	Strathbow Goldstar
O'Neill, J., Echuca Village, Jersey (3).											
Ballara Model 6th ..	33837	29.6.32	10½	5,552	6·85	380·18	250	Sr. 2	..	.. ..	Bruce Vale Lord Fancy Madeira
Strathbow Heather Bell..	29326	10.7.32	N.O.C.	7,275	6·99	508·35	290	Sr. 3	..	362 ..	Studleigh Noble
Ballara Bluebell 4th ..	38007	7.8.32	21	7,418	5·65	419·30	230	Jr. 2	..	.. ..	Bruce Vale Lord Fancy Madeira
Onley, W. H., Caldermeade, Ayrshire (3).											
Holm Beauty	21779	9.7.32	6	4,713	5·29	249·24	250	Sr. 2	..	210 ..	Pride of Thirlmere
Holm Babs	21778	12.8.32	4½	5,337	5·00	266·99	250	Sr. 2	..	240 ..	Pride of Thirlmere
Holm Allie	21777	20.8.32	10	6,020	4·49	270·41	250	Sr. 2	..	.. ..	Pride of Thirlmere
Holm Butterwinks ..	22999	31.8.32	7	5,337	4·12	219·91	230	Jr. 2	..	.. ..	Eldorado Statesman
Holm Betty	16345	19.9.32	9½	8,369	4·47	373·69	350	Mature	..	286, 331, 408, 434	Grandee of Kelvin Grove
Orchard, Mrs. L., Grahamvale, Jersey (0).											
Jersey Vale Petal ..	26119	15.7.32	9½	6,024	4·74	285·39	350	Mature	..	221, 296, 276	Princess 2nds Twylish of Grangelea
Jersey Vale Floss ..	Vol. 20	16.7.32	10	4,241	5·41	229·61	230	Jr. 2	..	.. ..	Princess 2nds Twylish of Grangelea
Jersey Vale Idyll ..	Vol. 20	18.8.32	7½	3,321	5·86	194·45	230	Jr. 2	..	240 ..	Princess 2nds Twylish of Grangelea
Daphne of Jersey Vale ..	15578	21.8.32	7	5,000	5·62	281·18	350	Mature	..	269, 332, 366, 380, 252	Choice 2nd of Tarnpirr
Jersey Vale Vanity ..	Vol. 20	10.9.32	7½	2,957	4·70	139·12	230	Jr. 2	..	.. ..	Princess 2nds Twylish of Grangelea
Osborne, H. M., Poowong East, Jersey (2).											
Grangelea Prim 2nd ..	26391	11.7.32	9	5,643	5·52	311·34	330	Sr. 4	..	363, 307, 229	Dandy of Grangelea
Grangelea Goldfinch 5th..	26390	23.7.32	11	5,244	6·35	333·13	330	Sr. 4	..	313, 274, 217	Mistletoe's 2nd V.C. of Tarnpirr
Melrose Jenny Lind 22nd	29649	10.8.32	10½	6,218	6·13	381·37	330	Sr. 4	..	294, 331 ..	Sunset of Melrose
*Grangelea Dainty 2nd ..	23003	12.9.32	4	5,355	5·15	275·82	350	Mature	..	373, 427, 347, 308	Defender's V.C. of Grangelea
Grangelea Rosebud 4th ..	26393	26.9.32	4	4,352	5·23	227·43	330	Sr. 4	..	245, 228 ..	Dandy of Grangelea
Overend, Mrs. A. C., Sale, Jersey (3).											
Bon Accord Queen Carmen	38012	6.7.32	10	5,025	6·20	311·33	250	Sr. 2	..	293 ..	Bon Accord David
Peggy of Bon Accord ..	21545	7.8.32	10½	6,411	6·50	416·97	350	Mature	..	260, 353, 364, 367, 374	Picador of Bon Accord
Bon Accord Waremma ..	C.R.	16.8.32	9½	3,975	5·62	223·17	230	Jr. 2	..	.. ..	Bon Accord John
Bon Accord Warestha ..	38014	31.8.32	4	4,394	5·08	223·42	250	Sr. 2	..	219 ..	Bon Accord David
Bon Accord Mascotte 2nd	38011	31.8.32	4½	5,178	5·89	305·13	270	Jr. 3	..	290 ..	Bon Accord David
Padgett, I., Werribee, Friesian (3).											
Tulla Lady Daffodil ..	3755	10.9.32	N.O.C.	10,314	4·59	473·79	350	Mature	..	408 ..	St. Albans King Daffodil
Braemore Curley ..	C.R.	14.9.32	19½	11,799	3·58	422·56	270	Jr. 3	..	.. ..	Bolobek Master Key
*Braemore Seabreeze ..	3372	22.9.32	4	12,375	3·44	426·31	350	Mature	..	.. ..	Bolobek Master Key

* 240 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Parbury, W., Warburton, Jersey (1).											
Brookfield Jessamine 5th	29289	3.7.32	12	5,777	5·76	332·67	330	Sr. 4	..	231, 289 ..	Sweetbreads Duke of Glen Iris
Rosalind 5th of Brookfield	15589	26.8.32	8½	5,846	5·97	349·02	350	Mature	..	346, 410, 384, 375	Daisy's Morocco Fox of Werribee
Brookfield Betty 11th ..	38018	15.9.32	8	3,867	5·47	211·71	230	Jr. 2	..	.. ..	Kyora Miamis Volunteer
Rosalind 15th of Brookfield	21566	15.9.32	11	6,045	5·45	329·29	350	Mature	..	290, 206, 400	Werribee Wyandottes Star
Sunshine 6th of Brookfield	18897	25.9.32	7	4,845	5·16	249·90	350	Mature	..	386, 400 ..	Werribee Wyandottes Star
Parker Bros., Seymour, Ayrshire (5).											
Cathcart Fame ..	24714	2.7.32	13½	6,198	4·99	309·15	250	Sr. 2	..	.. ..	Cathcart Lloyd
Cathcart Dimple ..	21135	11.7.32	14½	7,380	4·04	297·95	250	Sr. 2	..	.. ..	Poppy's Advance of Ben Kell
Delamere Helena ..	22679	4.9.32	20	6,329	4·00	252·93	230	Jr. 2	..	.. ..	Cathcart Bowler
Cathcart Hetty ..	21137	7.9.32	19½	8,804	4·42	389·44	290	Sr. 3	..	320 ..	Cathcart Mentor
Cathcart Hazeline ..	15865	25.9.32	15½	9,635	4·50	433·28	350	Mature	..	244, 367 ..	Poppy's Advance of Ben Kell
Pattison, F., Tongala, Ayrshire (1).											
Willow Park Amy ..	23342	5.8.32	16	6,500	4·20	272·73	230	Jr. 2	..	.. ..	Willow Park Prince
Willow Park Ella ..	16926	23.8.32	11	7,367	4·11	302·48	350	Mature	..	303, 310 ..	Tonga Park James
Willow Park Nell ..	22242	14.9.32	6½	5,735	4·36	250·09	310	Jr. 4	..	280, 260 ..	Clansman of Glenholme
Pearson, James, Nerrena East, Jersey (3).											
Warrawee Iris	26346	14.8.32	14½	7,983	5·19	414·53	350	Mature	..	314, 383, 402	Canary's V.C. of King's Vale
Glenmoor Peerless ..	33609	13.9.32	N.O.C.	6,731	5·87	395·41	350	Mature	..	354, 395 ..	Peerless 19th Prince of Melrose
Warrawee Music ..	38041	17.9.32	N.O.C.	5,616	5·66	317·69	270	Jr. 3	..	422 ..	Banyule Tympani
Pestell, Wm., Seymour, Jersey (0).											
Aveley Starbright 3rd ..	24226	20.9.32	N.O.C.	4,484	4·85	217·56	350	Mature	..	323 ..	Economist of Aveley
Pettit Bros., Geelong, Ayrshire (2).											
*Melba of Blinkbrae ..	12669	22.7.32	4	5,685	4·50	255·93	350	Mature	..	257, 287, 243	Lustre of Dunachton
†Blinkbrae Melba 6th ..	17342	31.7.32	4	6,906	4·63	319·65	330	Sr. 4	..	228, 296, 288	Happy Jack of Gleneira
Blinkbrae Bunty ..	22516	31.7.32	6½	5,954	5·67	337·87	230	Jr. 2	..	.. ..	Blinkbrae Albert
Blinkbrae Laurette ..	21056	1.8.32	9½	7,037	4·78	336·46	250	Sr. 2	..	.. ..	Blinkbrae Albert
*Blinkbrae Lady Violet ..	19561	14.8.32	4	4,980	4·80	239·16	290	Sr. 3	..	261, 297 ..	Happy Jack of Gleneira
‡Blinkbrae Melody ..	19564	1.9.32	4	4,665	4·47	208·53	290	Sr. 3	..	209, 219 ..	Happy Jack of Gleneira
*Blinkbrae Viola ..	19565	6.9.32	4	5,940	3·99	236·88	290	Sr. 3	..	217, 262 ..	Happy Jack of Gleneira
Blinkbrae Melba 9th ..	17344	8.9.32	10	7,649	4·05	309·18	330	Sr. 4	..	238, 332, 348	Lustre of Dunachton
*Blinkbrae Vida 3rd ..	17345	9.9.32	4	5,565	3·82	212·70	350	Mature	..	262, 309, 271	Happy Jack of Gleneira
*Blinkbrae Melba 7th ..	17343	10.9.32	4	5,475	3·88	212·64	330	Sr. 4	..	228, 226 ..	Happy Jack of Gleneira
Blinkbrae Virtue ..	22522	11.9.32	9	4,679	4·27	199·90	230	Jr. 2	..	.. ..	Hyde Park Dolly's Duke
Blinkbrae Vida 2nd ..	15767	12.9.32	4½	7,041	3·67	258·11	350	Mature	..	293, 324, 314, 291	Lustre of Dunachton
Blinkbrae Birdie ..	22514	15.9.32	4	4,230	3·94	166·77	230	Jr. 2	..	.. ..	Hyde Park Dolly's Duke
‡Blinkbrae Melba's Pride	19563	16.9.32	4	4,920	4·71	231·66	290	Sr. 3	..	289, 268 ..	Lustre of Dunachton
‡Melba of Woodbyrne ..	7049	17.9.32	4	5,610	3·94	221·22	350	Mature	..	232, 294, 246, 270	Pride of Warradale
Blinkbrae Lady Vanice ..	22517	17.9.32	8	4,494	4·33	194·68	230	Jr. 2	..	.. ..	Hyde Park Dolly's Duke
Phillips, J., Murraydale, Jersey (3).											
Carnation of Peri ..	17818	1.7.32	10½	7,337	4·72	346·37	350	Mature	..	221, 280, 295, 319, 286, 336	Bosun's Pride of Peri
Peri Vanilla 4th ..	Vol. 20	5.7.32	12½	4,404	5·05	222·40	230	Jr. 2	..	.. ..	Lea Hurst Royal Rover
Peri Carnation 2nd ..	26129	6.7.32	11½	6,150	5·69	349·78	350	Mature	..	216, 311, 297, 272	Carnations Bosun of Peri
Peri Hope 6th	Vol. 20	18.7.32	7½	4,518	6·25	282·31	230	Jr. 2	..	.. ..	Lea Hurst Royal Rover
Empire of Peri ..	18913	20.7.32	10	4,900	5·99	293·42	350	Mature	..	309, 206, 314, 306, 284, 230	Jessie 13th's Count of Melrose
*Peri Hope's Surprise 5th	Vol. 20	15.8.32	4	4,830	4·74	228·87	230	Jr. 2	..	.. ..	Lea Hurst Royal Rover
Vanilla of Peri ..	18914	9.9.32	11	7,173	5·65	405·26	350	Mature	..	286, 302, 366, 375, 327	Carnations Bosun of Peri
Plattfuss, J., Tongala, Friesian (11).											
Greenvale Juno Cordyline	3103	3.7.32	14½	9,539	3·64	347·55	350	Mature	..	249, 328, 285	Lydholme Segis Paxton
Greenvale Galatea Oakwood	Vol. 12	25.7.32	10½	5,237	3·69	193·19	230	Jr. 2	..	.. ..	Dominion Oakwood
Greenvale Piebe Patch ..	1571	1.8.32	18½	13,136	3·38	444·12	350	Mature	..	349, 352, 401, 575, 659, 539, 549	Victoria Rose Patch
Greenvale Rosey Dekol ..	3493	1.8.32	10½	9,093	3·82	347·33	270	Jr. 3	..	253 ..	Victoria Double Oak Dekol

* 240 days in test. † 251 days in test. ‡ 210 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Plattfuss, J., Tongala, Friesian (11)—*continued.*											
Greenvale Piebe Paxton 2nd	Vol. 12	3.8.32	10½	6,690	3·67	245·51	230	Jr. 2	..	.. ..	Lydholme Segis Paxton
Greenvale Rosie Key's	3108	5.8.32	14½	9,895	3·47	343·76	350	Mature	..	270, 408, 356	Dominion Oakwood
Glen Elgin Jessie Segis	3459	18.8.32	28½	21,199	3·44	730·04	350	Mature	..	341, 533, 518, 663	Halecote Segis Songboy
Greenvale Segis Rosie	Vol. 12	23.8.32	23	13,209	3·17	418·32	230	Jr. 2	..	.. ..	Lydholme Segis Paxton
Greenvale Mona Keys	2770	28.8.32	29	15,192	3·62	549·94	350	Mature	..	446, 551, 510, 422	Lydholme Segis Paxton
Greenvale Segis Rose	Vol 12	28.8.32	N.O.C.	6,731	3·65	245·85	230	Jr. 2	..	.. ..	Lydholme Segis Paxton
Greenvale Graceful Segis	3102	31.8.32	N.O.C.	9,230	3·82	352·16	350	Mature	..	274, 334, 250	Lydholme Segis Paxton
Greenvale Oakwood Juno	Vol.12	31.8.32	N.O.C.	15,539	3·56	553·83	290	Sr. 3	..	411 ..	Dominion Oakwood
Greenvale Dutch Girl	2769	7.9.32	N.O.C.	14,366	3·85	552·63	350	Mature	..	410, 527, 342, 456	Lydholme Segis Paxton
Greenvale Galatea Paxton	3101	12.9.32	11	9,720	3·96	384·69	350	Mature	..	270, 390, 354	Lydholme Segis Paxton
Pollard, C. F., Wodonga, Jersey (2).											
Bonegilla Hyacinth	38052	28.7.32	10½	5,679	5·55	314·98	230	Jr. 2	..	.. ..	Springhurst Byron
Bonegilla Petunia	Vol.20	12.9.32	10½	5,502	6·29	345·99	290	Sr. 3	..	.. ..	Dahlia's Starbright Prince of Roselands
Polmear, M. H., Tallangatta Valley, Friesian (1).											
Winlaton Queen Jessie	3789	24.8.32	N.O.C.	6,687	3·62	241·97	250	Sr. 2	..	244 ..	Netherland King Sylvia 2nd
*Winlaton Catriona Triumph	2967	5.9.32	4	11,730	3·99	467·61	330	Sr. 4	..	255, 472 ..	Burnbank Violet Triumph
Poole, Mrs. M. A., Caldermeade, Ayrshire (0).											
Ryeland's Daffodil	C.R.	12.7.32	10½	4,665	4·39	204·77	250	Sr. 2	..	.. ..	Roseleigh Bruce
Powell, Mrs. K., Camperdown, Jersey (7).											
Cleveland Countess Lily Petal	21579	6.7.32	20	10,503	5·29	555·36	350	Mature	..	298, 419, 425, 443	Maitland Petal Viscount of Elouera
Mount Violet Queen's Coquette	34286	11.7.32	14	6,002	4·76	285·46	250	Sr. 2	..	219 ..	Mount Violet Maitland
Mount Violet Beauty	34284	21.7.32	16	9,462	4·92	465·32	250	Sr. 2	..	271 ..	Chief of Allambie
Mount Violet Silver Queen	24552	29.7.32	16	6,390	5·42	346·57	350	Mature	..	222, 321, 367, 370	Chief of Allambie
Mount Violet Madeira Maid	24551	24.8.32	18	7,146	5·71	407·69	350	Mature	..	314, 386 ..	Sir Fancy Madeira of Werribee
Mount Violet Queenie Bawn	C.R.	17.9.32	17	4,935	5·78	285·19	230	Jr. 2	..	.. ..	Carson of Banyule
Mount Violet Kyeema	23374	20.9.32	23	10,553	5·51	581·42	350	Mature	..	303, 386, 499	Statesman of Colac
Mount Violet Maud's Reward	34285	24.9.32	27	10,340	4·74	489·62	250	Sr. 2	..	355 ..	Mount Violet Maitland
Poyner, R., Lilydale, Jersey (5).											
Wompini Rose Queen	34289	21.7.32	11	4,632	5·90	273·32	250	Sr. 2	..	.. ..	Brucevale Bright Star
Mercedes Belle 2nd of Avalon	16212	21.8.32	11	7,877	4·84	381·42	350	Mature	..	93, 270, 319	Mercedes Chief of Glen Iris
Kyora Jessie 2nd	26197	8.9.32	14½	8,345	5·83	486·21	350	Mature	..	299, 374, 320, 419	Foch of Jerarra
Lilydale Songstress	33630	16.9.32	16½	7,445	5·28	392·84	290	Sr. 3	..	254, 280 ..	Staghorn Promise's Masterpiece
Cream Belle of Kirkhill	21519	16.9.32	9	7,922	5·61	444·42	350	Mature	..	270, 360, 376, 302, 440	Major of Kirkhill
Poynton, W. H., and Sons, Macarthur, Jersey (2).											
Lightwoods Cora	Vol. 20	10.8.32	12½	5,108	6·38	325·81	230	Jr. 2	..	.. ..	Corn King of Castlemaddie
Castlemaddie Cora	29095	26.8.32	16½	7,449	5·16	384·24	310	Jr. 4	..	.. ..	King Cora of Castlemaddie
Prout, A. P., Leongatha, Jersey (6).											
Pineleigh Merley	33636	3.8.32	11	6,233	5·49	342·16	290	Sr. 3	..	326, 272 ..	Wood Charms Admiral
Brookfield Verbena 17th	38532	12.8.32	9	6,281	5·83	366·30	310	Jr. 4	..	96 ..	Werribee Wyandotte Star
Pineleigh Mermaid	26144	23.8.32	8½	6,299	5·25	330·97	350	Mature	..	297, 353, 349	Golden Lad of Rathlyn
Pineleigh Sunshine	Vol. 20	31.8.32	11	4,935	5·52	272·43	250	Sr. 2	..	.. ..	Burnside Viscount
Wattle Vale Sunny	26311	8.9.32	10½	6,840	5·41	369·87	330	Sr. 4	..	321, 405, 375	Retford Deer's Noble
Daphne of Wattle Vale	16236	8.9.32	13½	7,742	4·55	352·39	350	Mature	..	239, 212, 353 453, 447, 412, 390	Auburn of Kelburn
Pineleigh Mermiss	38080	22.9.32	14	5,207	5·57	290·20	270	Jr. 3	..	317 ..	Wattle Vale Aladdin
Purnell, R., Moriac, Jersey (3).											
Narrawong Lady Antimony 3rd	38082	11.7.32	8	4,564	6·56	299·61	310	Jr. 4	..	230, 303 ..	Grantie's Hero of St. Albans
Narrawong Lady Jane 2nd	24556	15.7.32	11	5,996	5·70	341·93	350	Mature	..	271, 433, 398, 421	Grantie's Hero of St. Albans
Narrawong Laurie	24557	26.7.32	10	7,556	5·66	428·00	350	Mature	..	284, 316, 409, 435, 385	Grantie's Hero of St. Albans
Narrawong Jessie 4th	C.R.	14.8.32	N.O.C.	4,080	6·05	247·02	230	Jr. 2	..	.. ..	Greenwood General
Narrawong Laura 4th	C.R.	15.8.32	N.O.C.	4,547	6·29	285·87	230	Jr. 2	..	.. ..	Greenwood General

* 240 days.

STANDARD HERD RECORDS—*continued.*

Name of Cow	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Purss, F. W., Walwa, Jersey (1).											
Clarendon Eyre Baby Mine	29616	9.9.32	8	6,875	6·22	427·91	350	Mature	..	379 ..	Eminent V.C.
Quigley and Bennett, Yinnar, Jersey (9).											
Ellendale Kirsty 4th ..	29321	29.6.32	21	7,826	5·85	458·16	330	Sr. 4	..	289, 371 ..	Mistletoe 2nd's Treasure Lynuilg
Navel's Duchess of Round Hill	21338	6.7.32	20½	7,709	5·53	426·69	350	Mature	..	402, 355, 470	Retford Deer's Noble
Ellendale Kirsty 8th ..	Vol. 20	8.7.32	15	5,850	6·22	363·71	230	Jr. 2	..	.. ..	Mistletoe 2nd's Treasure Lynuilg
Ellendale Romany ..	Vol. 20	11.8.32	19½	8,504	4·93	419·18	230	Jr. 2	..	.. ..	Ellendale Trumpeter
Ellendale Kirsty 7th ..	Vol. 20	17.8.32	16	7,263	6·06	439·79	250	Sr. 2	..	367 ..	Edmonton Viking
Ellendale Kirsty 6th ..	38088	23.8.32	18	7,868	5·36	421·91	270	Jr. 3	..	372 ..	Mistletoe 2nd Treasure of Lynuilg
Hazelgrange Kitty 3rd ..	Vol. 20	3.9.32	12½	6,056	5·47	331·43	230	Jr. 2	..	.. ..	Master Clement of Glen Iris
Belgonia Romany Lass 2nd	24494	13.9.32	12½	7,895	4·93	389·10	350	Mature	..	416, 371 ..	Aerial of Banyule
Ellendale Kirsty 3rd ..	33639	21.9.32	19	9,665	5·23	505·82	350	Mature	..	330, 440, 392	Mistletoe 2nd Treasure of Lynuilg
Raggatt, F., Tongala, Jersey (3).											
Strathbow Goldie 8th ..	C.R.	12.9.32	9	5,220	5·52	287·95	230	Jr. 2	..	.. ..	Banyule Mollerne
Strathbow Goldie 5th ..	26155	18.9.32	16	8,150	6·73	548·85	310	Jr. 4	..	415, 458 ..	Studleigh Noble
Mayland Heather Bell ..	26150	19.9.32	16½	8,561	6·29	538·22	350	Mature	..	336, 329, 401, 479	Starbright Prince of Glen Iris
Raleigh, Miss H. E., Pakenham, Jersey (2.)											
Goronga Farm Daffodil Quinta	26158	29.8.32	15	6,855	5·62	385·46	350	Mature	..	323, 306, 408	Zoe's Golden Viscount
Goronga Farm Daffodil Septima	Vol. 20	26.9.32	13	6,174	5·37	331·47	230	Jr. 2	..	.. ..	Banyule Air Gun
Ralph Bros., Moorabbin, Illawarra, Shorthorn (1).											
Annie 4th of Lemon Grove	14329	1.7.32	20½	8,663	4·04	349·80	310	Jr. 4	..	.. ..	Butterson of Lemon Grove
*Shy Ann of Strathmore	14322	24.7.32	4	5,718	3·97	227·04	330	Sr. 4	..	.. ..	Duke of St. Elmo
Rankin, W. J., Trafalgar, Jersey (1).											
Marimba Jessamine's Duchess	38378	11.7.32	15½	6,965	6·12	426·47	270	Jr. 3	..	.. ..	Sweetbread's Duke of Glen Iris
Read, J. D., Springhurst, Jersey (4).											
Springhurst Medick 4th ..	29336	1.7.32	16½	6,305	6·56	413·92	270	Jr. 3	..	301 ..	Starbright's Prince of Glen Iris
Springhurst Tecoma 4th	33651	6.7.32	18	7,076	6·37	450·62	250	Sr. 2	..	325 ..	Starbright's Prince of Glen Iris
Springhurst Golden Wattle	C.R.	3.8.32	19½	6,687	6·58	439·95	230	Jr. 2	..	.. ..	Starbright's Prince of Glen Iris
Narcissus of Springhurst	18935	16.8.32	20	9,932	6·30	625·77	350	Mature	..	340, 433, 624, 544, 640, 622	Starbright's Prince of Glen Iris
Rechenberg, J. F., Marshall, Ayrshire (3).											
Camelot Mamie ..	24665	24.8.32	22	7,779	4·16	323·68	230	Jr. 2	..	.. ..	Scotswood Adonis Earl
Sparrovale Robur ..	16702	13.9.32	9	8,619	4·60	396·58	350	Mature	..	.. ..	Hot Stuff of Sparrovale
Camelot Merline ..	24667	20.9.32	5½	4,661	5·10	237·62	230	Jr. 2	..	.. ..	Scotswood Adonis Earl
*Sparrovale Merlyn ..	16680	23.9.32	4	7,207	4·63	333·91	350	Mature	..	.. ..	Sparrovale His Luck
Reid, Miss B. B., Bundorra, Jersey (4).											
Jubilee Laurel ..	29346	29.7.32	10	7,083	5·63	398·94	330	Sr. 4	..	.. ..	Jubilee Whatlight
Jubilee Laburnum ..	26185	2.8.32	8	4,464	6·77	302·27	350	Mature	..	.. ..	Twylish of Comely Banks
Jubilee Rehmania ..	38127	8.8.32	9	5,430	5·75	312·32	290	Sr. 3	..	.. ..	Jubilee Whatlight
Jubilee Eschscholtzia ..	Vol. 20	27.8.32	5	3,068	6·29	193·12	230	Jr. 2	..	.. ..	Jubilee Wheatenlight
Jubilee Fleur-de-Lys ..	Vol. 20	10.9.32	7	3,936	6·15	241·91	230	Jr. 2	..	.. ..	Jubilee Wheatenlight
Jubilee Daphne ..	26183	25.9.32	11½	6,846	5·45	373·34	350	Mature	..	.. ..	Jubilee Fanlight
Rentsch, A., Tabor, Illawarra Shorthorn (2).											
Allawalla Marion 5th ..	Vol. 4	1.8.32	11½	8,006	4·38	351·00	250	Sr. 2	..	.. ..	Premier of Fairfield
Allawalla Model 2nd ..	Vol. 4	8.8.32	14	6,572	4·36	286·71	250	Sr. 2	..	.. ..	Premier of Fairfield
Richardson, W. S., Bacchus Marsh, Jersey (1).											
Suttonlea Jacqueline ..	C.R.	10.8.32	14	5,883	5·48	322·48	230	Jr. 2	..	267 ..	Banyule Petalon 2nd
Robinson, Miss S. L., Kew, Jersey (3).											
Kyora Naldera ..	29371	20.7.32	12	5,421	5·14	278·67	310	Jr. 4	..	235 ..	Foch of Jerrara
*Kyora Sultan's Adore 2nd	23408	29.7.32	4	8,070	5·24	422·96	350	Mature	..	364, 529, 482	Foch of Jerrara
*Kyora Bonne Chance ..	26440	5.8.32	4	5,340	5·68	303·30	330	Sr. 4	..	237, 248 ..	Speedwell's Volunteer
Kyora Creamy 4th ..	29370	13.8.32	11	6,554	5·83	382·20	330	Sr. 4	..	308, 333 ..	Miami's Volunteer of Woodside
Bettwys-y-Coed of Woodside	19214	10.9.32	9	5,355	5·74	307·51	350	Mature	..	314, 306, 327, 266	Pedro
Kyora Dream Girl 2nd ..	38173	12.9.32	8½	4,992	6·18	308·60	230	Jr. 2	..	.. ..	Woodside Reprieve's Volunteer
*Naldera of Woodside ..	14170	12.9.32	4	5,790	5·19	300·30	350	Mature	..	293, 340, 373, 312, 367, 331	Goldfinder (Imp)
*Kyora Bonne Chance 2nd	34300	22.9.32	4	3,225	5·90	190·32	270	Jr. 3	..	194 ..	Foch of Jerrara

*240 days.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last Day of Test lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat	Sire.
Rodda, W. G., Warracknabeal, Jersey (3).											
Clover Flat Velveteen 2nd	36997	30.6.32	19½	7,851	5·27	413·38	330	Sr. 4	..	.. ..	Beau Brummel of Banyule
Banyule Molly 24th ..	24457	5.7.32	N.O.C.	7,086	5·56	394·15	350	Mature	..	284, 297 ..	Wotton Airman (Imp.)
Wootong Vale Gold Treasure	Vol. 20	29.8.32	N.O.C.	6,735	4·69	315·83	230	Jr. 2	..	.. ..	Wootong Vale Gold Duke
†Wootong Vale Amy Johnson	Vol. 20	30.8.32	4	4,130	4·87	201·01	230	Jr. 2	..	.. ..	Wootong Vale Gold Duke
Wattle Grove Jean ..	21256	23.9.32	17	6,449	4·83	311·45	350	Mature	..	280, 403, 434	Lord Juan of Lebanon
Ronaldo, O., Tarago, Jersey (5).											
Jindivick Sunbeam ..	Vol. 20	3.7.32	22½	7,419	5·20	385·84	230	Jr. 2	..	.. ..	Somerville Sion
Glenwood Marchfly ..	38182	13.7.32	18½	7,959	6·69	532·49	270	Jr. 3	..	.. ..	Lady Choice's King 2nd of Glenwood
Jindivick Heroine 4th ..	Vol. 20	28.8.32	17½	7,380	5·86	432·82	230	Jr. 2	..	.. ..	Somerville Reputation
Somerville Valencia 2nd	28786	2.9.32	19	8,457	5·69	481·48	290	Sr. 3	..	.. ..	Somerville Reputation
Somerville Wynette 3rd	38186	23.9.32	18½	7,428	5·23	388·66	250	Sr. 2	..	.. ..	Somerville Reputation
Runciman, C. M., Murraydale, Jersey (2).											
Bideford Sapphire ..	33716	26.7.32	22	7,487	5·52	412·92	290	Sr. 3	..	276 ..	Warwick Golden Chevrolet
Bideford Cream Stockings 3rd	C.R.	31.7.32	15	5,325	5·27	280·37	230	Jr. 2	..	.. ..	May's Twylish of Jersey Vale
Ryan, D. M., and Sons, Pirron Yallock, Illawarra Shorthorn (7).											
Shamrock of The Pines ..	10130	4.7.32	16	9,780	4·00	390·92	350	Mature	..	334, 343, 320	Hero of Lemon Grove
Lawarra Beauty ..	16503	11.7.32	N.O.C.	9,921	3·70	367·18	310	Jr. 4	..	335 ..	Mascot of Lawarra
Lawarra Opal	16506	25.7.32	20	10,572	4·26	450·77	290	Sr. 3	..	301 ..	Mascot of Lawarra
*Fortune 11th of Alne Bank	10103	8.8.32	4	8,655	3·99	345·18	350	Mature	..	415, 399 ..	Dan of Greyleigh
Alne Bank Birdie 12th ..	2844	16.8.32	15	10,856	4·14	449·21	310	Jr. 4	..	300, 342 ..	Dan of Greyleigh
Basin Banks Birdie 2nd ..	5087	20.8.32	19	8,254	4·71	388·84	230	Jr. 2	..	.. ..	Redman of Glenburn
Basin Banks Roseleaf ..	2849	25.8.32	17	6,920	4·54	314·47	250	Sr. 2	..	.. ..	Redman of Glenburn
Basin Banks Tottie ..	5091	30.8.32	10	4,674	4·70	219·75	230	Jr. 2	..	.. ..	Redman of Glenburn
Birdie 6th of Alne Bank ..	7220	6.9.32	21	10,310	3·90	402·58	350	Mature	..	435, 397, 422, 356	Butterfield of Alne Bank
Salesian College, Sunbury, Ayrshire (2).											
Rupertswood Pansy ..	24329	18.7.32	16	7,985	3·98	317·95	250	Sr. 2	..	.. ..	Lancer of Rupertswood
Rupertswood Lucy ..	24328	26.7.32	15½	7,235	4·35	314·66	250	Sr. 2	..	.. ..	Holly Green Gold Coin
Schier, H. A., Rochester, Jersey (3).											
Green View Buttercup ..	C.R.	12.7.32	11½	5,532	5·83	322·39	230	Jr. 2	..	.. ..	Banyule Air Lord
Sutton Lea Airbright ..	29455	23.8.32	N.O.C.	7,143	5·94	424·34	290	Sr. 3	..	318 ..	Banyule Petalon 2nd
Green View Frolic ..	34309	31.8.32	8	5,069	6·88	349·00	270	Jr. 3	..	378 ..	Perree's Spark of Glen Iris
Schlipalius, A. J., Kilmany South, Jersey (4).											
Fairbank Peerless ..	C.R.	23.7.32	13½	4,152	5·94	246·40	230	Jr. 2	..	.. ..	Wompini Beau Brummel
De Lug Marigold 2nd ..	33733	30.7.32	10½	3,560	7·36	261·99	250	Sr. 2	..	266 ..	Werribee Starbright Northwood
de Lug Briar	33730	11.8.32	12	5,183	6·07	314·39	250	Sr. 2	..	260 ..	Werribee Starbright Northwood
Fairbanks Bloom ..	33734	14.8.32	11½	5,048	6·34	320·14	270	Jr. 3	..	273 ..	Royal Reserve of Somerville
Fairbanks Flower ..	23432	19.8.32	7½	4,017	5·94	238·71	350	Mature	..	253, 320, 234	High Choice of Melrose
Fairbanks Queenie ..	24598	22.9.32	6	5,367	5·47	293·58	350	Mature	..	191, 263, 271	Gaylad of Fairbank
Schreenan Bros., Sebastopol, Ayrshire (1).											
Gowrie Park Lolita ..	C.R.	16.9.32	13	6,239	4·61	287·68	230	Jr. 2	..	.. ..	Gowrie Park Scottish Patron
Selwyn Scott, F. E., Scotsburn, Dairy Shorthorn (2).											
Willow Park Chance 2nd	Vol. 1	23.7.32	19½	9,614	4·74	455·66	350	Mature	..	286 ..	Havelock of Darbalara
Willow Park Princess 7th	Vol. 1	20.9.32	18½	11,009	4·35	478·54	330	Sr. 4	..	381 ..	Willow Park Imperial
Sell, C. H., Irrewillipe East, Jersey (8).											
Strawberry Vale Mercedes Belle	38248	9.7.32	13½	6,162	5·89	363·14	230	Jr. 2	..	.. ..	Avalon Mercedes Chief 7th
Avalon Mercedes Duchess 2nd	22942	9.7.32	14½	7,358	5·28	388·43	350	Mature	..	362, 328, 343	Mercedes Chief of Glen Iris
Strawberry Vale Aster ..	33747	10.7.32	15½	6,894	5·43	374·11	250	Sr. 2	..	287 ..	Avalon Mercedes Chief 7th
Strawberry Vale Fairy Belle	38245	31.7.32	10½	5,088	5·77	293·79	230	Jr. 2	..	.. ..	Avalon Mercedes Chief 7th
Avalon Mercedes Beauty 2nd	22934	31.7.32	12½	4,925	6·65	327·67	350	Mature	..	293, 289, 289	Mercedes Chief of Glen Iris
Mendip Pearl 3rd ..	23464	8.8.32	12	8,022	5·69	456·41	350	Mature	..	299, 413, 360	Mozart of Warenda
Strawberry Vale Daisy ..	C.R.	8.8.32	10½	4,220	6·08	256·40	230	Jr. 2	..	.. ..	Avalon Mercedes Chief 7th
Staghorn Buttercup ..	18632	8.9.32	15	6,213	5·47	339·82	350	Mature	..	234, 329, 316, 298	Daisy's Fox II.
Strawberry Vale Gaiety Lass 2nd	38246	21.9.32	13½	6,179	5·80	358·62	230	Jr. 2	..	.. ..	Avalon Mercedes] Chief 7th
Simpson, T. E., and Son, Ferntree Gully (4).											
Wompini Peggoty ..	33755	1.7.32	11	5,958	5·68	338·42	270	Jr. 3	..	.. ..	Wompini Noble
Wompini Songbird ..	38266	31.7.32	20	8,001	5·35	428·09	270	Jr. 3	..	324 ..	Werribee Masterman
Kantara Ditny's Larkspur	29378	7.9.32	10½	6,774	6·29	426·41	290	Sr. 3	..	323, 407 ..	Ku Ku Fashion Plate
Wompini Beauty ..	29480	15.9.32	10½	5,960	5.82	347.07	350	Mature	..	308, 421, 376	Werribee Masterman
Wompini Leonie 6th ..	Vol. 20	26.9.32	12½	6,171	5·78	356·86	310	Jr. 4	..	409 ..	Wompini V.C.

* 240 days. † 250 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last Day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Smith Bros., Mirboo North, Jersey (26).											
Sylvan Hill Molly ..	C.R.	15.7.32	9	5,429	4·97	269·55	230	Jr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Primrose ..	38284	16.7.32	14½	6,432	6·10	392·09	250	Sr. 2	.. ..	..	Somerville Heir Apparent
Duchess 4th of Goulburn	11711	17.7.32	20	9,099	5·68	516·82	350	Mature	.. ..	..	Rufus of Melrose
Sylvan Hill Attractive ..	33760	18.7.32	16½	7,836	6·25	490·02	310	Jr. 4	.. ..	..	Handsome Boy 3rd of Jerseyholm
Sylvan Hill Beauty ..	38277	18.7.32	17½	6,596	6·59	434·70	250	Sr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Lorna ..	C.R.	18.7.32	14½	4,439	7·03	312·27	230	Jr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Waterlily ..	38287	18.7.32	15½	5,835	6·63	387·01	250	Sr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Empress ..	33761	19.7.32	22	9,912	5·80	574·43	290	Sr. 3	.. ..	..	Handsome Boy 3rd of Jerseyholm
Sylvan Hill Dainty ..	C.R.	21.7.32	13	4,734	5·96	282·38	230	Jr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Handsome Girl	33762	21.7.32	14	5,889	7·12	419·45	290	Sr. 3	.. ..	..	Handsome Boy 3rd of Jerseyholm
Sylvan Hill Daisy ..	21669	23.7.32	19	7,916	6·32	500·61	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Emerald ..	38280	24.7.32	12	4,533	6·45	292·58	250	Sr. 2	.. ..	..	Sylvan Hill Starlight's Pride
Sylvan Hill Jewel ..	29487	24.7.32	21	8,247	5·26	434·20	350	Mature	.. ..	..	Merry Lad of Sylvan Hill
Sylvan Hill Alma ..	23444	25.7.32	24½	9,954	5·10	507·80	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Noble Lady	38283	27.7.32	8	4,737	6·42	303·96	250	Sr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Dream Girl	28279	29.7.32	16½	6,165	5·39	332·45	250	Sr. 2	.. ..	..	Sylvan Hill Starlight's Pride
Sylvan Hill Starlight ..	23447	31.7.32	13½	6,503	5·82	378·68	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Patricia ..	26363	3.8.32	18	8,378	5·12	429·02	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Lily ..	21670	14.8.32	16½	7,719	5·86	452·51	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Ruby ..	C.R.	18.8.32	14	5,772	5·10	294·34	230	Jr. 2	.. ..	..	Somerville Heir Apparent
Sylvan Hill Countess ..	38278	19.8.32	17½	8,241	5·38	443·07	270	Jr. 3	.. ..	..	Somerville Heir Apparent
Sylvan Hill Daisy 2nd ..	26361	20.8.32	10½	5,940	6·17	366·38	350	Mature	.. ..	..	Merry Lad of Sylvan Hill
Sylvan Hill Bright Tissue	23445	24.8.32	11½	9,129	4·96	452·73	350	Mature	.. ..	..	Butterwinks 2nd of Jersey Hill
Sylvan Hill Lily 2nd ..	26362	3.9.32	15	7,817	7·08	553·41	350	Mature	.. ..	..	Merry Lad of Sylvan Hill
Sylvan Hill Merry Girl ..	23446	6.9.32	9	6,642	6·06	402·28	350	Mature	.. ..	..	Merry Lad of Sylvan Hill
Sylvan Hill Alma Belle ..	C.R.	8.9.32	8½	4,646	6·00	278·82	230	Jr. 2	.. ..	..	Somerville Heir Apparent
Smith, G. and W., Fish Creek, Jersey (8).											
Rydon Dream Girl ..	23448	22.7.32	18½	6,687	6·00	401·52	350	Mature	..	275, 427 ..	Retford Lord Twylish
Hazel Grange Minnehaha	33890	25.7.32	20½	8,335	4·71	392·59	250	Sr. 2	..	.. ..	Dumfries Minnie's Eminent Boy
Rydon Onyx	33766	31.7.32	17	6,374	6·00	382·47	250	S . 2	..	355 ..	Burnside Monitor
Rydon Silver Belle ..	33767	31.7.32	18½	7,990	5·81	464·50	250	Sr. 2	..	428 ..	Burnside Monitor
Rydon Pearl	29490	2.8.32	15	6,360	5·70	362·32	290	Sr. 3	..	247, 327 ..	Burnside Monitor
Elanora May Queen 2nd..	38289	13.8.32	21½	9,062	5·54	502·45	250	Sr. 2	..	387 ..	Burnside Harmony
Rydon Petal	24606	14.8.32	14	7,930	5·63	446·51	350	Mature	..	371, 453, 396	Prince Bob of Glenmoor
Elanora Bonnie Girl ..	38288	23.9.32	12½	6,545	6·37	416·97	270	Jr. 3	..	307 ..	Burnside Harmony
Smith, E. L., and Sons, Woodend, Friesian (4).											
Bolobek Adelina ..	3005	6.7.32	7	8,027	3·83	307·09	330	Sr. 4	..	318, 344 ..	Bolobek Top Mast
Homeleigh Clematis ..	App. 4	29.7.32	9	9,032	4·24	383·17	290	Sr. 3	..	335 ..	Homeleigh Playboy
Homeleigh Operetta ..	2798	7.8.32	4	9,680	3·82	369·67	350	Mature	..	272, 347 ..	Prince Fobes
Roads End Navalia ..	Vol. 12	30.8.32	25	10,716	3·12	334·86	230	Jr. 2	..	.. ..	Netherland King Sylvia 2nd
Glen Elgin Iris Domino ..	2759	12.9.32	15	11,396	3·18	362·28	350	Mature	..	354, 389, 375	Echo Domino of Oakview
Smith, W., Trafalgar, Jersey (2).											
Berri Brae Sweetheart 2nd	33770	14.7.32	9	4,380	6·75	295·63	250	Sr. 2	..	.. ..	Glenloch Daisy's Lad
Berri Brae Pansy 3rd ..	38308	4.9.32	4	4,051	6·93	280·56	230	Jr. 2	..	.. ..	Berri Brae Don
Steele, C., Shoreham, Jersey (3).											
Avonhurst Linda ..	33164	6.7.32	12	5,544	5·47	303·11	250	Sr. 2	..	236 ..	Banyule Airshaft
Avonhurst Gem ..	33162	11.8.32	15½	7,083	5·42	384·18	270	Jr. 3	..	323 ..	Banyule Airshaft
Kantara Gilly Flower ..	33677	28.8.32	11	5,943	5·73	340·29	270	Jr. 3	..	291 ..	Ku Ku Fashion Plate
Stephens, Dr. F. G., Vermont, Jersey (2).											
Aveley Trinket 2nd ..	22956	26.8.32	9½	8,019	5·05	405·30	350	Mature	..	282, 164, 328, 378	Marc Antony of Aveley
Kantara Rosemary ..	C.R.	14.9.32	9	4,284	6·17	264·49	230	Jr. 2	..	.. ..	Glen Iris Valiant Count
Stephens, Mrs. M. V., Tongala, Jersey (6).											
Fourshells Heroine ..	33799	6.7.32	23	8,252	6·04	498·53	250	Sr. 2	..	373 ..	Aveley Royal Herald
Fourshells Ipomea ..	C.R.	10.7.32	21	6,269	6·27	392·84	230	Jr. 2	..	.. ..	Belgonia Propeller
Fourshells Marie's Aerial Queen	26232	11.7.32	24	10,030	5·53	554·20	330	Sr. 4	..	337, 460, 437	Aerial of Banyule
Fourshells Hope ..	29514	18.7.32	28	9,039	7·02	634·68	290	Sr. 3	..	429, 535 ..	Belgonia Propeller
Boveagh Yvette ..	29512	19.7.32	18	7,290	6·23	453·91	330	Sr. 4	..	333 377 386	Duke 2nd of Belgonia
Aveley Tragedy Queen ..	29511	25.8.32	23	9,548	5·27	503·56	330	Sr. 4	..	303, 353, 434	Economist of Aveley

Standard Herd Records—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last Day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Stoll, Mrs. L. T., Rokeby, Jersey (3).											
Cloverbank Camellia's Joy	38363	9.7.32	10	6,263	7·04	441·13	290	Sr. 3	..	330 ..	Brilliant Dawn of Linga Longa
Gwen of Benguella ..	17425	10.7.32	11½	6,462	4·67	301·64	350	Mature	..	189, 272, 321	King's Victory of Somerville
Cloverbank Canary 2nd ..	38364	24.7.32	7½	5,520	5·52	304·85	250	Sr. 2	..	305 ..	Cloverbank Lord Twylish
Melrose Chevy 18th ..	25692	5.8.32	8½	6,330	5·35	338·37	330	Sr. 4	..	346, 326 ..	Sunset of Melrose
Stoney, W. B., "Tarago", Drouin West, Jersey (0).											
Tarago Gem	C.R.	7.9.32	7	3,233	5·46	176·60	230	Jr. 2	..	.. ..	Wompini Metalmaster
Wompini Grannies Gem	33803	9.9.32	10	4,695	5·19	243·65	270	Jr. 3	..	243 ..	Werribee Masterman
Taylor, W. G., Caldermeade, Ayrshire (4).											
Eldorado Starlight ..	23691	10.7.32	7	5,675	4·22	239·46	230	Jr. 2	..	.. ..	Perfection of The Valley
Eldorado Hilda ..	23684	7.8.32	12½	6,036	4·49	271·01	230	Jr. 2	..	.. ..	Beleura Signal
Eldorado Quinney ...	23688	7.8.32	5	4,955	5·20	257·81	230	Jr. 2	..	.. ..	Beleura Signal
Eldorado Sylvia ..	21358	9.8.32	7½	6,531	4·42	288·96	250	Sr. 2	..	245 ..	Perfection of The Valley
*Eldorado Hetty ..	19868	2.9.32	4	6 435	4·36	280·50	290	Sr. 3	..	241, 274 ..	Perfection of The Valley
Eldorado Ruby ..	23689	3.9.32	5½	6,543	4·64	303·50	350	Mature	..	.. ..	Master of Fair Vale
*Eldorado Holly ..	23685	11.9.32	4	4,440	4·83	214·23	230	Jr. 2	..	.. ..	Beleura Signal
Eldorado Lady Bright ..	17796	12.9.32	10½	6,003	4·32	259·17	350	Mature	..	298, 341 ..	Perfection of The Valley
*Eldorado Lynette ..	23686	13.9.32	4	4,650	4·29	199·65	230	Jr. 2	..	.. ..	Perfection of The Valley
Telford, J., H., and R., Kyabram, Ayrshire (6).											
Hyde Park Desire ..	24042	7.8.32	16	8,841	5·01	443·12	250	Sr. 2	..	337 ..	Oakbank Aristocrat
Glengowrie Pansy ..	C.R.	7.8.32	11	9,163	4·16	381·12	270	Jr. 3	..	268 ..	Olivedale Chum
*Hyde Park Rosina ...	16357	20.8.32	4	7,545	4·75	358·14	350	Mature	..	323, 296, 339, 308	Bell Boy of Ben Kell
Hyde Park Destiny ..	C.R.	30.8.32	12½	6,119	4·75	290·76	230	Jr. 2	..	.. ..	Oakbank Aristocrat
Hyde Park Dahlia ..	24041	2.9.32	9	6,389	5·00	319·44	270	Jr. 3	..	269 ..	Oakbank Aristocrat
Hyde Park Lady Doris ..	13656	4.9.32	13½	11,040	4·23	466·85	350	Mature	..	297, 346, 355, 339, 403	Bell Boy of Ben Kell
Thomas and Taylor, Hamilton, Ayrshire (1).											
†Carracoorte Bonnie 3rd..	C.R.	20.9.32	16½	5,363	5·40	289·38	250	Sr. 2	..	.. ..	Carracoorte Maidens Laddie
Tomasetti, B. G., Drouin West, Ayrshire (6).											
Glencorren Joy Belle ..	C.R.	28.7.32	14	6,342	4·98	315·54	230	Jr. 2	..	.. ..	Scotswood Michael 2nd
Leithvale Phyllis ..	23086	16.8.32	15	7,022	5·12	359·21	250	Sr. 2	..	234 ..	Gleneira Grantham
Glencorren Milkmaid ..	22833	27.8.32	12	7,386	4·56	336·52	230	Jr. 2	..	.. ..	Scotswood Michael 2nd
Leithvale Marjorie ..	20468	11.9.32	15½	8,489	4·33	367·19	350	Mature	..	296, 339 ..	Algie of Oakbank
Glencorren Foam ..	21505	13.9.32	22	8,771	5·06	443·79	290	Jr. 3	..	307 ..	Glen Athol Brilliant
Glencorren Violetta ..	20120	18.9.32	23½	11,606	4·36	505·77	310	Jr. 4	..	271, 317 ..	Glen Athol Jimmie
Trevaskis, F., Tongala, Jersey (4).											
Amwell Dainty.. ..	24374	11.9.32	17	7,422	4·81	357·23	350	Mature	..	318, 318, 387, 450	Werribee Madeira Cream's Masterpiece
Ballara Ideal 3rd ..	C.R.	17.9.32	10½	4,733	5·75	272·26	230	Jr. 2	..	.. ..	Brucevale Lord Fancy Madeira
Flower 3rd of Ballara ..	21711	23.9.32	9	6,620	4·86	321·45	350	Mature	..	324, 419, 443, 444, 501	Werribee Madeira Cream's Masterpiece
Miss Guy of Tarnpirr ..	9745	26.9.32	12	7,689	6·07	466·99	350	Mature	..	452, 488, 508, 564, 604, 631, 523, 550, 536, 547	Mythic's Choice of Tarnpirr
Tuckey, J. F., Alberton, Ayrshire (14).											
Tregorland Ingenue ..	22155	2.8.32	16½	6,923	4·84	334·90	290	Sr. 3	..	236, 290 ..	Gowrie Park Scotchman
Tregorland Kinklet ..	Vol. 25	7.8.32	12	5,753	4·21	241·99	230	Jr. 2	..	.. ..	Gowrie Park Scottish Minstrel
Tregorland Keswick ..	19079	11.8.32	16	8,613	4·33	373·08	350	Mature	..	279, 310, 341, 333	Gowrie Park Scotchman
Tregorland Isobel ..	20791	12.8.32	13	7,307	4·52	330·05	330	Sr. 4	..	186, 225, 250	Gowrie Park Scotchman
Tregorland Kersey ..	16865	12.8.32	13	8,002	4·44	354·91	350	Mature	..	210, 327, 326, 354	Tregorland Idealist
Tregorland Kirk ..	22161	14.8.32	21	8,001	3·95	316·31	290	Sr. 3	..	230, 316 ..	Tregorland Imperial
Tregorland Kink ..	20793	15.8.32	9	6,851	4·36	298·57	350	Mature	..	220, 258 ..	Gowrie Park Scotchman
Tregorland Keepsake ..	Vol. 25	19.8.32	11	4,835	4·08	197·15	230	Jr. 2	..	.. ..	Gowrie Park Scottish Minstrel
Tregorland Doch ..	Vol. 25	21.8.32	13	6,619	4·51	253·48	230	Jr. 2	..	.. ..	Gowrie Park Lauder
Tregorland Kedge ..	20792	24.8.32	14	8,322	4·39	365·02	330	Sr. 4	..	285, 357, 320	Gowrie Park Scotchman
‡Tregorland Tourmaline..	16868	24.8.32	4	8,043	4·69	377·07	350	Mature	..	202, 313, 335, 340	Tregorland Idol
Tregorland Ivoline ..	15594	25.8.32	22½	9,118	4·35	396·49	350	Mature	..	192, 268, 357, 377, 381, 361	Bonnie Bloom of Gowrie Park
Tregorland Kiwi ..	Vol. 25	29.8.32	11½	6,227	3·99	248·30	230	Jr. 2	..	.. ..	Gowrie Park Scottish Minstrel
†Tregorland Kristina ..	19081	31.8.32	4	5,715	4·89	279·27	350	Mature	..	281, 299, 326	Gowrie Park Scotchman
Kith of Tregorland ..	14269	14.9.32	12½	7,986	4·91	392·06	350	Mature	..	270, 286, 257, 369, 389, 455, 417, 397	Bonnie Earl of Gowrie Park
Tregorland Knocker ..	Vol. 25	23.9.32	13	5,318	4·38	232·78	230	Jr. 2	..	.. ..	Gowrie Park Scottish Minstrel

* 240 days. † 210 days. ‡ 257 days.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last Day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
Unthank, J., Somerville, Jersey (3).											
Mooroodue Zalie 2nd ..	C.R.	3.8.32	19½	6,636	5·53	366·68	230	Jr. 2	..	..	Mooroodue Silver King
Mooroodue Hope 2nd ..	C.R.	1.9.32	11½	5,381	5·96	320·47	230	Jr. 2	..	..	Mooroodue Silver King
Mooroodue Lassie 2nd ..	C.R.	1.9.32	9	5,856	5·67	331·90	230	Jr. 2	..	..	Mooroodue Silver King
Vagg, E. J., Leongatha, Jersey (8).											
Bonnay Jessamine's Mona	C.R.	29.6.32	15	5,474	6.09	333·30	230	Jr. 2	..	..	Welbourne Handsome Boy
Bonnay Double Panzie ..	C.R.	29.6.32	13	4,700	5·43	255·31	230	Jr. 2	..	..	Welbourne Handsome Boy
Bonnay Mystery Maid 4th	C.R.	19.7.32	15½	5,455	5·12	279·50	230	Jr. 2	..	..	Bonnay Handsome Boy
Bonnay Mystery Maid 3rd	33861	21.7.32	19	7,282	5·65	411·57	290	Sr. 3	..	297, 357	Welbourne Handsome Boy
Bonnay Phyllis ..	C.R.	24.7.32	16	5,140	5·85	300·90	230	Jr. 2	..	..	Welbourne Handsome Boy
Rosyth Lady Tulip 3rd ..	38451	28.7.32	12	6,171	6·28	387·26	250	Sr. 2	..	288	Lord 2nd of Bruce Vale
Winnie's Midget of Welbourne	21722	8.8.32	13	6,507	6·84	445·07	350	Mature	..	370, 466, 436, 420, 463	Sparklights Duke of Glen Iris
Bonnay Handsome Ruby	Vol. 20	22.8.32	11½	4,856	5·53	268·50	250	Sr. 2	..	230	Welbourne Handsome Boy
Van Brumellen, J. K., Ferntree Gully, Friesian (2).											
Bolero Sylvia Maryke ..	Vol. 12	31.8.32	16	7,659	4·01	307·40	230	Jr. 2	..	..	St. Albans Queen's Korndyke 2nd
Bolero Sylvia's Venus ..	C.R.	19.9.32	5½	8,957	3·79	339·43	270	Jr. 3	..	320	St. Albans Queen's Korndyke 2nd
Vaughan Bros., Girgarre, Jersey (5).											
Lynroy Dollerose ..	C.R.	19.7.32	4½	4,019	6·30	253·09	230	Jr. 2	..	..	Sherborne Wyandotte's King
Lynroy Doreen.. ..	C.R.	20.7.32	21½	7,310	5·34	390·23	310	Jr. 4	..	261, 334	Sherborne Wyandotte's King
Lynroy Fancy ..	38459	2.9.32	15½	8,040	5·90	474·54	290	Sr. 3	..	445	Sherborne Wyandotte's King
Lynroy Gladys 2nd ..	38463	24.9.32	7½	7,043	5·65	397·59	270	Jr. 3	..	372	Sherborne Wyandotte's King
Lynroy Violet	33862	25.9.32	10	6,750	5·64	381·01	290	Sr. 3	..	311	Sherborne Wyandotte's King
Venn, V. A., Myrtlebank, Jersey (3).											
Pine Park Daisy 2nd ..	C.R.	13.9.32	7½	4,130	5·73	236·58	230	Jr. 2	..	..	Goranga Farm Jester
Pine Park Polly 2nd ..	C.R.	23.9.32	8	4,854	5·21	252·68	230	Jr. 2	..	..	Goranga Farm Jester
Pine Park Buttercup 2nd	C.R.	24.9.32	8	5,561	5·68	315·84	230	Jr. 2	..	..	Goranga Farm Jester
Wade, W. J., Stratford, Jersey (3).											
*Empress 7th of Jerseyholm	18734	26.7.32	4	6,750	4·81	324·96	350	Mature	..	139, 304, 336, 284	Marge 2nd's Hero of Jerseyholm
Inverbroom Silver Muriel 2nd	38483	13.8.32	15½	6,701	5·16	346·08	230	Jr. 2	..	..	Economist of Aveley
Aveley Marie Antoinette 2nd	25648	16.9.32	13	9,215	5·82	536·05	330	Sr. 4	..	..	Marc Antony of Aveley
Avonview Muriel ..	23140	25.9.32	12	8,228	4·75	391·16	350	Mature	..	235	Emperor 964
Walker, C. S., Swan Hill, Friesian (1).											
Warwick Maggie Leonora	Vol. 12	22.9.32	22	8,198	3·98	326·36	230	Jr. 2	..	..	Burnbank Piebe Leonora
Walker, C. S., Swan Hill, Jersey (6).											
Warwick Princess Irene ..	38489	25.7.32	18½	7,494	4·85	363·11	290	Sr. 3	..	305	Chevrolet of Banyule
Warwick Pollydoreus ..	C.R.	24.8.32	20	6,107	6·06	369·95	230	Jr. 2	..	..	Warwick Hudson
Warwick Birdie ..	C.R.	24.8.32	21	7,443	5·68	423·02	230	Jr. 2	..	..	Warwick Chief
Warwick Beauty ..	19012	2.9.32	21	10,206	4·61	470·89	350	Mature	..	330, 330, 354, 260	Chevrolet of Banyule
Warwick Polly ..	C.R.	18.9.32	18	6,684	5·32	355·27	250	Sr. 2	..	142	Chevrolet of Banyule
Warwick Augustus Marie	38486	20.9.32	26½	8,475	5·10	432·56	250	Sr. 2	..	339	Chevrolet of Banyule
Walkley, E. E., Glen Forbes, Jersey (4).											
Maybe's Beauty of Airlie	16636	27.6.32	11½	6,113	4·71	288·07	350	Mature	..	358, 271	Maybe of Banyule
Glenburnie Queen ..	38498	21.7.32	12½	5,634	4·93	277·62	270	Jr. 3	..	194	Valder's King of Comely Banks
Better View Iris ..	C.R.	5.8.32	7½	4,211	5·71	240·56	230	Jr. 2	..	..	Hedge of Banyule
Murta Lillie 4th ..	25335	16.8.32	10½	7,112	4·46	317·17	350	Mature	..	278	King of Murta
Isla of Airlie	18697	20.8.32	7½	7,094	4·56	323·19	350	Mature	..	358, 277	Maybe of Banyule
Betterview Baby Quality	C.R.	4.9.32	12	5,766	5·03	290·16	230	Jr. 2	..	..	Glenburnie Sweet Boy
Betterview Ideal Twylish	C.R.	6.9.32	9½	4,377	5·39	236·07	230	Jr. 2	..	..	Maybe of Banyule
Wallace, A., Bendigo, Ayrshire (0).											
Drayton Dainty ..	21332	31.7.32	11	5,298	4·66	247·07	290	Sr. 3	..	..	Drayton Emperor
Webb, H. L., Sunbury, Ayrshire (6).											
Holly Green Constance ..	18268	6.7.32	13	8,198	4·53	371·42	330	Sr. 4	..	236, 253	Lily's Goldmine of Holly Green
Holly Green Ada ..	24017	1.8.32	12½	7,419	4·69	347·75	230	Jr. 2	..	..	Holly Green Gold Coin
Marita of Holly Green ..	15628	3.8.32	7½	6,261	5·33	333·68	350	Mature	..	158, 210, 277	Lily's Record of Holly Green
Holly Green Aletta ..	20334	14.8.32	9	8,414	4·12	346·27	290	Sr. 3	..	313	Lily's Goldmine of Holly Green
*Holly Green Queenly ..	18275	2.9.32	4	7,170	4·76	340·95	330	Sr. 4	..	228, 302	Holly Green Masher
Holly Green Gaiety ..	24020	6.9.32	8	4,763	4·64	220·98	230	Jr. 2	..	..	Holly Green Gold Dust
Holly Green Queenhood's Picture	24024	24.9.32	9½	5,816	4·45	258·59	230	Jr. 2	..	..	Holly Green Gold Coin
Holly Green Quest's Jewel	24025	26.9.32	8½	5,501	4·39	241·74	230	Jr. 2	..	..	Holly Green Gold Coin

* 240 days in test.

STANDARD HERD RECORDS—*continued.*

Name of Cow.	Herd Book No.	Date of Calving.	Milk last day of Test. lb.	Milk. lb.	Average Test.	Butter Fat. lb.	Standard required.	Class.	Order of Merit.	Previous Yields of Butter Fat.	Sire.
West, J. C., Notting Hill, Illawarra, Shorthorn (2).											
Rosemont Birdie 4th ..	2863	1.7.32	13½	9,412	3·66	344·80	290	Sr. 3	..	231 ..	Flora's Boy of Rosebank
Empress 7th of Allawalla	8157	2.7.32	15	7,928	4·04	319·92	290	Sr. 3	..	236 ..	Premier of Fairfield
White, R., Cardigan, Ayrshire (1).											
The Valley Birthday ..	24403	20.9.32	8	5,732	4·55	260·89	230	Jr. 2	..	.. ..	Sunlight of the Valley
White, W. W., Alfredton, Ayrshire (2).											
Lady Glen Coral ..	23074	16.8.32	..	5,525	4·40	243·35	250	Sr. 2	..	.. ..	Longerenong Baron
Gleneira Handsome 3rd ..	21522	17.8.32	..	6,744	4·43	298·93	270	Jr. 3	..	.. ..	Gleneira Patron
*Glen Ayr Advice ..	Vol. 25	6.9.32	..	5,070	4·93	249·72	230	Jr. 2	..	.. ..	Ayr Brae Mintie
Williams, F. A., Bamawm Extension, Jersey (6).											
Taranah Hazel ..	38529	25.7.32	16	6,645	5·48	363·98	230	Jr. 2	..	.. ..	Duke of Invermay
Mornmoot Mascot ..	28555	10.9.32	16½	7,613	5·91	449·68	290	Sr. 3	..	414 ..	Koomangoonong Prince Nephetos
Leven Brae Daisy Grey ..	28924	19.9.32	18	9,375	5·67	531·91	350	Mature	..	309, 382, 438	Twylish Fox of Colac
Wompini Rose Marie ..	29485	20.9.32	27½	11,598	5·71	661·67	350	Mature	..	372, 514 ..	Werribee Masterman
Ballara Bonnie ..	33911	24.9.32	20½	8,153	6·93	565·38	270	Jr. 3	..	402 ..	Brucevale Lord Fancy Madeira
Avalon Gladstar's Pansy	28399	25.9.32	16	8,649	6·00	518·78	350	Mature	..	399, 378 ..	Gladiator of Springhurst
Wilmot, J., Bullarook, Jersey (2).											
Princess Jessie of Uphaven	16767	30.7.32	12½	6,860	5·07	347·58	350	Mature	..	390, 406 ..	Jessemia's Imperial of King's Vale
Uphaven Miss Grant ..	..	28.8.32	17	6,512	5·07	329·99	230	Jr. 2	..	.. ..	Grant's Twylish of Merivale
Uphaven Tilly 2nd ..	38539	29.8.32	8	6,503	5·40	350·99	310	Jr. 4	..	296 ..	Grant's Twylish of Merivale
Wilson, D. C., Derrinallum, Jersey (3).											
*Ayton Law Noble Sylvie 2nd	C.R.	3.8.32	4	3,630	5·60	203·40	230	Jr. 2	..	.. ..	Wagga Yambils Goddington Noble
Silvie's Fern of Kinross	21751	5.8.32	8½	7,421	5·03	373·44	350	Mature	..	357, 424, 355, 401	Last Call of Melrose
Ayton Law Tressa ..	C.R.	15.8.32	9½	5,007	5·67	284·09	230	Jr. 2	..	.. ..	Ayton Law Quality's 2nd
Saskatchewan Tressa ..	33925	21.8.32	14	6,452	6·13	395·39	310	Jr. 4	..	219, 296 ..	Werribee Sir Northwood
Wood, J. V. M., Heidelberg, Jersey (11).											
Donna of Devon 2nd (imp.)	38597	6.7.32	36½	11,551	5·55	641·56	330	Sr. 4	..	.. ..	Pioneer of Oaklands
Clarendon Eyre Little Buttercup	24675	9.7.32	17½	7,058	6·16	434·51	350	Mature	..	333, 432, 472	Rose's Eminent of Clarendon Eyre
Clarendon Eyre Happy Days 2nd	C.R.	18.8.32	19	6,209	5·95	369·18	230	Jr. 2	..	.. ..	Clarendon Eyre Eminents Sorcerer
Clarendon Eyre Emerald Isle	33943	19.8.32	19½	6,876	6·29	432·23	250	Sr. 2	..	367 ..	Eminents Achievement of Clarendon Eyre
Lightsome Bart (imp.) ..	33957	30.8.32	17½	7,515	5·56	417·78	250	Sr. 2	..	295 ..	Lily Lights Oxford
Clarendon Eyre Emerald Isle 2nd	Vol. 20	6.9.32	18½	6,986	5·08	354·95	230	Jr. 2	..	.. ..	Eminents Achievement of Clarendon Eyre
Clarendon Eyre Gaiety Girl	29618	7.9.32	20	7,380	6·93	511·20	330	Sr. 4	..	272, 460 ..	Rose's Eminent of Clarendon Eyre
Clarendon Eyre Primrose	Vol. 20	11.9.32	18½	7,181	5·36	384·71	230	Jr. 2	..	.. ..	Clarendon Eyre Eminents Bing Boy
Aberdour Ranee ..	23519	20.9.32	19½	8,405	6·75	567·44	350	Mature	..	324, 445, 546, 543	Lord 2nd of Brucevale
Madonna of Aberdour ..	18537	20.9.32	17½	8,634	6·15	531·20	350	Mature	..	301, 384, 552, 529, 530	The Laird of Aberdour
Clarendon Eyre Camille 4th	Vol. 20	21.9.32	21½	7,809	5·39	421·15	230	Jr. 2	..	.. ..	Eminents Achievement of Clarendon Eyre
Woodmason, W., Oakleigh, Jersey (3).											
Rarity 14th of Melrose ..	19978	2.8.32	10	8,241	5·19	427·95	350	Mature	..	448, 449, 395, 454, 435	Golden Fern Viscount
Vanilla 24th of Melrose ..	19979	9.8.32	17	8,292	5·85	485·33	350	Mature	..	231, 290, 385, 429, 395	Sunset of Melrose
Melrose Blossom 13th ..	C.R.	7.9.32	11	4,790	4·88	233·92	230	Jr. 2	..	.. ..	Melrose Clementine 2nds Masterpiece
Xavier College, Kew, Jersey (7).											
Dainty of Clydevale ..	21245	9.7.32	12½	5,525	5·21	287·93	350	Mature	..	286, 272, 243	Marmion of St. Johns
Therese Vale Countess ..	38238	6.7.32	16	6,819	5·38	367·10	290	Sr. 3	..	425 ..	Ilford Twylish
Fairhope Magnet ..	21398	11.7.32	20	7,179	6·25	448·63	350	Mature	..	512, 559 ..	Merry Boy of Ilford
Princess 4th of Grangelea	15455	26.7.32	17	7,496	4·98	372·97	350	Mature	..	312, 429, 454, 435, 508	Golden Twylish
*Madam Melba of Hazeldale	21498	1.8.32	4	5,985	4·25	254·37	350	Mature	..	290, 360, 368	Dinkum of Banyule
Marinba Linnet ..	23494	6.8.32	16½	9,704	5·34	518·16	350	Mature	..	338, 267 ..	Lily's Chief 4th of Marinba
Burnside Marigold 2nd ..	16933	11.8.32	11	9,866	4·41	435·34	350	Mature	..	.. ..	Prince Victor of Banyule
Rosalind 12th of Brookfield	21564	11.9.32	13½	7,001	5·64	394·91	350	Mature	..	368, 249, 453	Werribee Wyandotte's Star
Young, G. T., Sedgwick, Jersey (5).											
Preston Defender's May ..	21800	8.8.32	16½	8,214	5·75	472·49	350	Mature	..	379, 415, 450	Perree's Count of Glen Iris
Preston Sweet Maid ..	33976	20.8.32	14½	8,333	4·94	412·01	310	Jr. 4	..	295, 368 ..	Preston Merry Lad
Preston Fuchsia ..	21802	27.8.32	13½	8,024	5·24	420·68	350	Mature	..	450, 442, 455	Perree's Count of Glen Iris
Preston Sunlight ..	C.R.	20.9.32	..	5,420	5·45	295·57	230	Jr. 2	..	.. ..	Kyora Mayflower's Fancy
Preston Bright Gem ..	C.R.	23.9.32	..	5,498	5·65	310·90	230	Jr. 2	..	.. ..	Kyora Mayflower's Fancy

* 240 days in test.

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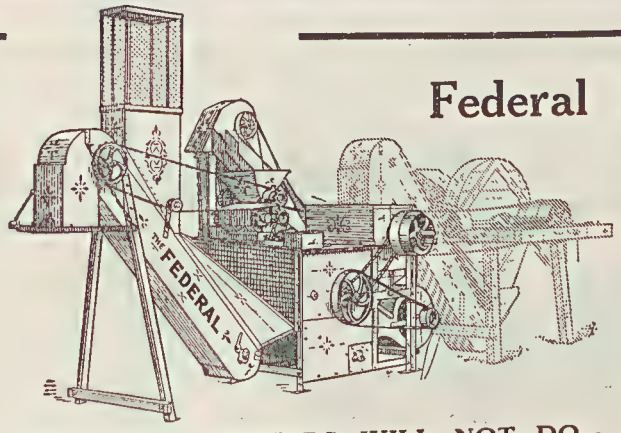

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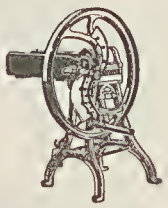

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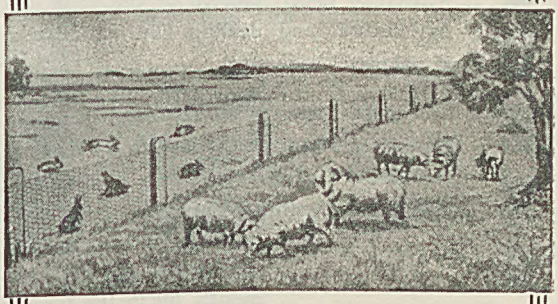

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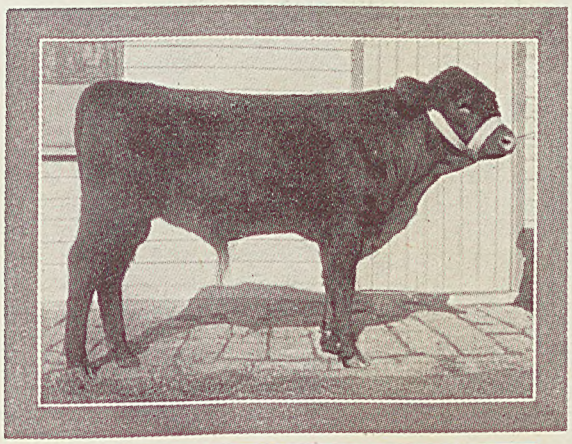

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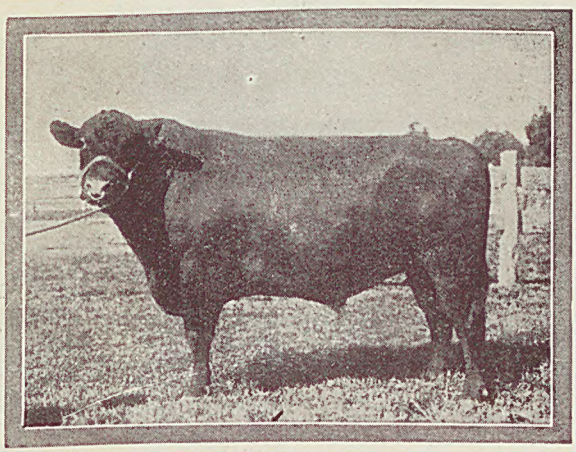

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